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February 14, 2003

VIA HAND DELIVERY

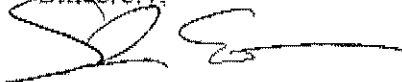
Luly Massaro, Commission Clerk
Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

Re: Docket No. 3436

Dear Luly:

Enclosed is an original and nine copies of the testimony of Peter C. Czekanski and Gary L. Beland in support of a proposed increase in the New England Gas Company Gas Cost Recovery charge. The testimony proposes the new gas charge factor be effective with March, 2003 billing cycles. If you have any questions, please give me a call.

Sincerely,



CRAIG L. EATON, #5515
Attorney for New England Gas Company
CLE/kmb
Enclosures

Cc: Paul Roberti, Esq.
Dennis Roberts, Esq.
Steve Scialabba
Mr. Bruce Oliver
Mr. Steve Frias

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STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

NEW ENGLAND GAS COMPANY
DOCKET NO. 3436

DIRECT TESTIMONY

OF

PETER C. CZEKANSKI

February 14, 2003

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

2 A. My name is Peter C. Czekanski. My business address is 100 Weybosset Street,
3 Providence, RI 02903.

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

5 A. I am Director of Pricing for the New England Gas Company ("NEG" or the
6 "Company"). My responsibilities include overseeing the design, implementation and
7 administration of rates charged by the NEG. I also direct the development of the
8 Company's sales and revenue forecasts.

9 **Q. WHAT IS YOUR PROFESSIONAL AND EDUCATIONAL BACKGROUND?**

10 A. I was first employed by Providence Gas Company ("ProvGas") in January 1995 as a
11 Pricing Analyst with responsibility for assisting in rate design, tariff administration
12 and other regulatory activities. I was promoted to my current position in March 1998.
13 I have previously testified in support of the currently effective Gas Cost Recovery
14 ("GCR") rates in Docket No. 3436, in the ProvGas Gas Charge Clause (GCC) filing in
15 Docket No. 1673, the Valley Gas and Bristol & Warren ("Valley Gas") Purchased Gas
16 Price Adjustment (PGPA) filing in Docket No. 1736, in the NEG rate case, Docket
17 No. 3401, and in support of enhancements to the ProvGas Business Choice program in
18 Docket No. 2902. I have also testified before the Massachusetts Department of

1 Telecommunications and Energy on behalf of North Attleboro Gas Company in
2 Dockets D.T.E. 01-17 and D.T.E. 01-47.

3 Prior to joining NEG, I was employed by NYNEX (now Verizon) for 24 years where I
4 held various positions in the Regulatory, Government Relations and Marketing
5 departments. While part of the Regulatory department at NYNEX, I prepared and
6 filed testimony and testified in various dockets before the Rhode Island,
7 Massachusetts and Vermont regulatory commissions on matters related to rate design,
8 pricing and cost issues.

9 My educational background includes a Bachelor of Science degree in Electrical
10 Engineering from Brown University. In addition, during my career at NYNEX, I
11 completed a variety of business and management courses.

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

13 A. The purpose of this testimony is to propose an increase in the Gas Cost Recovery
14 ("GCR") charges to be effective with March 2003 billing cycles for firm sales service
15 customers.

16 **Q. ARE THERE ANY ATTACHMENTS ACCOMPANYING YOUR**
17 **TESTIMONY?**

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

1	PCC-1	Projected Deferred Gas Cost Balance
2	PCC-2	Gas Cost Recovery Schedules
3	PCC-3	Bill Impacts
4	PCC-4	Off-Peak BTU Factor

5 **Q. WHY IS THE COMPANY PROPOSING AN INCREASE IN THE GCR RATES**
6 **AT THIS TIME?**

7 A. Since June 2002 when the current GCR rates were established, there have been
8 significant changes in the cost of gas when compared to what had been projected at
9 that time. The testimony of Mr. Beland describes those changes and what the latest
10 projections are for gas costs through the end of October 2003. The Company's
11 proposal to increase the GCR rates is in response to those increased gas costs and is
12 consistent with the Company's tariff, which states:

13 "In the event of any change subsequent to the November effective date which would
14 cause the estimate of the Deferred Gas Cost Balance to differ from zero by an amount
15 greater than one (1) percent of the Company's gas revenues, the Company may make a
16 Gas Charge filing designed to eliminate that non-zero balance." (RIPUC NEGC No.
17 101, Section 2, Schedule A, Item 1.2)

18 **Q. WHAT IS THE COMPANY'S ESTIMATE OF THE DEFERRED GAS COST**
19 **BALANCE AT THE END OF THE CURRENT GCR PERIOD?**

20 A. The Company's current estimate is an undercollection of approximately \$11 million in
21 the deferred gas cost account at the end of October 2003, which is 4 percent of the
22 Company's annual gas revenues. This estimate is based on the actual deferred balance

1 at the end of January plus our projection using the current GCR factors and latest
2 estimate of gas costs from February 2003 through October 2003. In addition to the
3 latest view of future gas prices, the updated projection also includes an increased
4 estimate of sales quantities for February to reflect the impact of the colder than normal
5 weather that was experienced in January but will be billed in February. Accordingly,
6 there is an increase reflected in the revenue collections for February compared with
7 what was calculated in the Company's June 2002 GCR filing. Attachment PCC-1
8 shows the calculation of the projected deferred gas cost balance and the direct
9 testimony of Mr. Gary Beland describes in detail the specific updates incorporated in
10 the projection of gas costs relative to the Company's previous GCR filing.

11 **Q. PLEASE SUMMARIZE THE DEVELOPMENT OF THE PROPOSED GCR**
12 **SALES FACTORS.**

13 A. Consistent with the Company's tariff, the updated gas costs are broken down into four
14 components: (1) Supply Fixed Costs; (2) Storage Fixed Costs; (3) Supply Variable
15 Costs; and (4) Storage Variable Costs. The Supply Fixed Costs include all fixed costs
16 related to the purchase of firm gas, including pipeline and supplier fixed reservation
17 costs, demand charges, and so forth. Because our supply planning is based upon
18 having sufficient capacity to meet the needs of our firm sales customers under design
19 winter conditions, these Supply Fixed Costs are allocated to the various rate classes
20 based on their proportion of the design winter use. Attachment PCC-2 Page 1

1 provides a summary of the GCR Factors that include the unit cost for each of the four
2 gas cost components, including the Supply Fixed Costs component, assigned to each
3 rate class. Detailed work papers are also included in Attachment PCC-2.

4 **Q. WHAT IS INCLUDED IN THE STORAGE FIXED COST COMPONENT?**

5 A. The Storage Fixed Cost component includes all fixed costs related to the operations,
6 maintenance of storage including fixed storage demand charges, fixed costs associated
7 with delivery of storage gas to the Company's distribution system, local production
8 and storage costs, any fixed taxes on storage, requirements for purchased gas working
9 capital, and so forth. As with the Fixed Supply Costs component, these costs are
10 incurred to meet the needs of our firm sales customers under design winter conditions.
11 In addition, because the non-daily metered transportation service ("FT-2") assigns
12 storage resources to Marketers on a virtual basis, the Company's supply planning
13 includes FT-2 customers' needs and therefore the Storage Fixed Costs are allocated to
14 the various rate classes including FT-2 based on their proportion of the design winter
15 use.

16 **Q. WHAT MAKES UP THE SUPPLY VARIABLE COSTS AND HOW ARE**
17 **THEY ALLOCATED?**

18 A. The Supply Variable Cost component includes all variable costs of firm gas, including
19 the commodity costs, expenses incurred to transport gas, and so forth. These costs

1 vary with the amount of gas actually used, and accordingly, they are allocated to the
2 various firm sales rate classes based on forecasted sales.

3 **Q. PLEASE DESCRIBE THE STORAGE VARIABLE COST COMPONENT?**

4 A. The Storage Variable Cost component includes all variable costs related to the
5 operations, maintenance and delivery of storage gas, including storage injection and
6 withdrawal costs, delivery of storage gas to the Company's distribution system, and so
7 forth. Similar to the Supply Variable Costs, these costs are allocated to the various
8 firm sales rate classes and FT-2 customers based on forecasted sales. This component
9 also includes inventory storage cost of gas that is allocated only to the firm sales rate
10 classes since under the provisions of FT-2 service, Marketers are responsible for
11 maintaining storage inventory commodity.

12 **Q. WHAT IS THE BILL IMPACT OF THE PROPOSED CHANGES?**

13 A. The bill impact for a typical residential heating customer using 517 therms over the
14 eight month period March through October will be approximately \$47 or eight
15 percent, which equates to increases ranging from approximately \$15 in March to \$3 in
16 July and August. A summary of bill impacts for customers and the detailed
17 calculations are provided on Attachment PCC-3.

1 **Q. HAS THE COMPANY CALCULATED WHAT THE BTU CONVERSION**
2 **FACTOR WILL BE FOR THE OFF-PEAK PERIOD MAY 2003 THROUGH**
3 **OCTOBER 2003?**

4 A. Yes. The actual weighted system average decatherms (Dth) per thousand cubic feet
5 (Mcf) for last year's off-peak period, May 2002 through October 2002, was 1.026 Dth.
6 Consistent with the provisions in the Company's tariff, that will serve as the basis for
7 the conversion of volumetric readings to Btu's or therms (1 therm = 100,000 Btu) in
8 the upcoming off-peak period, May 2003 through October 2003. For example, a
9 meter reading of 100 Ccf will equate to 102.6 therms, or 10 Mcf will be 10.26 Dth.
10 The calculation of that factor is provided on Attachment PCC-4.

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

12 A. Yes.

New England Gas Company
Rhode Island Division
Deferred Gas Cost Balances
February 2003 - October 2003

	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Feb - Oct '03
	28	31	30	31	30	31	31	30	31	Total
	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	
I. Supply Fixed Cost Deferred										
Beginning Balance										
Supply Fixed Costs	(\$173,432)	(\$4,298,109)	(\$7,035,211)	(\$8,175,879)	(\$8,008,550)	(\$6,990,938)	(\$5,702,778)	(\$4,360,529)	(\$3,082,548)	\$19,865,377
Capacity Release	\$2,213,427	\$2,217,900	\$2,200,525	\$2,202,146	\$2,200,525	\$2,202,146	\$2,202,146	\$2,200,525	\$2,226,038	(\$980,000)
Working Capital	(\$140,000)	(\$140,000)	(\$100,000)	(\$100,000)	(\$100,000)	(\$100,000)	(\$100,000)	(\$100,000)	(\$100,000)	\$81,316
Total Supply Fixed Costs	\$8,928	\$8,947	\$9,044	\$9,051	\$9,044	\$9,051	\$9,051	\$9,044	\$9,044	\$18,966,694
Supply Fixed - Collections	\$2,082,355	\$2,086,847	\$2,109,570	\$2,111,197	\$2,109,570	\$2,111,197	\$2,111,197	\$2,109,570	\$2,135,192	\$20,832,658
Prelim. Ending Balance	\$6,203,176	\$4,813,131	\$3,236,186	\$1,928,419	\$1,078,101	\$810,920	\$759,342	\$824,712	\$1,178,671	
Month's Average Balance	(\$4,294,253)	(\$7,024,392)	(\$8,161,827)	(\$7,993,101)	(\$6,977,082)	(\$5,690,661)	(\$4,350,923)	(\$3,075,672)	(\$2,126,027)	
Interest Rate (Fleet Prime)	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	
Interest Applied	(\$3,856)	(\$10,818)	(\$14,052)	(\$15,449)	(\$13,857)	(\$12,117)	(\$9,606)	(\$6,876)	(\$4,977)	(\$91,608)
Supply Fixed Ending Balance	(\$4,298,109)	(\$7,035,211)	(\$8,175,879)	(\$8,008,550)	(\$8,008,550)	(\$6,990,938)	(\$5,702,778)	(\$4,360,529)	(\$3,082,548)	(\$2,131,003)

	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Feb - Oct '03
	28	31	30	31	30	31	31	30	31	Total
	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	
II. Storage Fixed Cost Deferred										
Beginning Balance										
Storage Fixed Costs	(\$37,873)	(\$1,474,271)	(\$2,386,131)	(\$2,826,857)	(\$2,789,095)	(\$2,450,741)	(\$2,014,796)	(\$1,558,081)	(\$1,125,301)	\$6,659,759
LNG Demand to DAC	\$815,759	\$790,559	\$721,920	\$721,920	\$721,920	\$721,920	\$721,920	\$721,920	\$721,920	(\$294,167)
Supply Related LNG O & M	(\$37,253)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	(\$32,114)	\$389,171
Working Capital	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$29,085
Total Storage Fixed Costs	\$3,538	\$3,452	\$3,156	\$3,156	\$3,156	\$3,156	\$3,156	\$3,156	\$3,156	\$6,783,848
Storage Fixed - Collections	\$825,286	\$805,138	\$736,203	\$736,203	\$736,203	\$736,203	\$736,203	\$736,203	\$736,203	\$7,532,708
Prelim. Ending Balance	\$2,260,380	\$1,713,313	\$1,172,114	\$693,080	\$393,009	\$295,996	\$276,078	\$300,944	\$427,794	
Month's Average Balance	(\$1,472,967)	(\$2,382,446)	(\$2,822,042)	(\$2,783,734)	(\$2,445,900)	(\$2,010,534)	(\$1,554,671)	(\$1,122,822)	(\$816,891)	
Interest Rate (Fleet Prime)	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	
Interest Applied	(\$755,420)	(\$1,928,358)	(\$2,604,086)	(\$2,805,296)	(\$2,617,498)	(\$2,230,637)	(\$1,784,734)	(\$1,340,452)	(\$971,096)	
Storage Fixed Ending Balance	(\$1,304)	(\$3,685)	(\$4,816)	(\$5,361)	(\$4,841)	(\$4,263)	(\$3,411)	(\$2,479)	(\$1,856)	(\$32,014)
	(\$1,474,271)	(\$2,386,131)	(\$2,826,857)	(\$2,789,095)	(\$2,450,741)	(\$2,014,796)	(\$1,558,081)	(\$1,125,301)	(\$818,747)	

New England Gas Company
Rhode Island Division
Deferred Gas Cost Balances
February 2003 - October 2003

	Feb-03		Mar-03		Apr-03		May-03		Jun-03		Jul-03		Aug-03		Sep-03		Oct-03		Feb - Oct '03 Total
	28	fcst	31	fcst	30	fcst	31	fcst	30	fcst	31	fcst	31	fcst	30	fcst	31	fcst	
III. Variable Supply Cost Deferred																			
Beginning Balance	\$16,228,969		\$11,076,123		\$8,856,688		\$7,229,712		\$5,822,490		\$6,019,793		\$6,282,126		\$6,949,637		\$8,511,281		\$67,516,589
Variable Supply Costs	\$16,184,974		\$14,078,982		\$9,339,703		\$5,154,991		\$3,904,717		\$3,076,792		\$3,303,428		\$4,455,296		\$8,017,707		\$67,516,589
Variable Delivery Storage	(\$81,935)		(\$32,357)		(\$1,439)		\$0		\$0		\$0		\$0		\$0		\$0		(\$115,732)
Variable Injections Storage			\$0		(\$6,179)		(\$6,179)		(\$6,179)		(\$6,179)		(\$6,179)		(\$6,179)		(\$6,110)		(\$43,181)
Fuel Cost Allocated to Storage	(\$352,861)		(\$54,688)		(\$37,482)		(\$36,839)		(\$36,993)		(\$37,452)		(\$37,764)		(\$37,666)		(\$37,534)		(\$669,280)
Working Capital	\$67,817		\$60,246		\$40,021		\$22,011		\$16,627		\$13,060		\$14,035		\$18,995		\$34,335		\$287,146
Total Supply Variable Costs	\$15,817,995		\$14,052,182		\$9,334,623		\$5,133,984		\$3,878,173		\$3,046,222		\$3,273,521		\$4,430,446		\$8,008,398		\$66,975,543
Supply Variable - Collections	\$20,994,385		\$16,290,644		\$10,976,460		\$6,553,665		\$3,691,810		\$2,795,632		\$2,618,640		\$2,883,084		\$4,023,386		\$70,827,706
Deferred Responsibility																			\$0
Prelim. Ending Balance	\$11,052,578		\$8,837,661		\$7,214,852		\$5,810,031		\$6,008,853		\$6,270,383		\$6,937,006		\$8,496,999		\$12,496,294		\$139,560
Month's Average Balance	\$13,640,774		\$9,956,892		\$8,035,770		\$6,519,872		\$5,915,672		\$6,145,088		\$6,609,566		\$7,723,318		\$10,503,787		\$139,560
Interest Rate (Fleet Prime)	2.25%		2.25%		2.25%		2.25%		2.25%		2.25%		2.25%		2.25%		2.25%		2.25%
Interest Applied	\$23,544		\$19,027		\$14,861		\$12,459		\$10,940		\$11,743		\$12,631		\$14,283		\$20,072		\$139,560
Supply Variable Ending Balance	\$11,076,123		\$8,856,688		\$7,229,712		\$5,822,490		\$6,019,793		\$6,282,126		\$6,949,637		\$8,511,281		\$12,516,366		\$139,560

IVa. Storage Variable Product Cost Deferred

Beginning Balance	\$4,743,714		\$5,454,709		\$5,769,225		\$4,481,936		\$3,636,828		\$3,291,184		\$3,123,852		\$3,011,373		\$2,876,743		\$1,634,781
Storage Variable Prod. Costs - LNG	\$437,278		\$191,131		\$159,141		\$163,706		\$146,282		\$142,494		\$136,877		\$128,565		\$129,308		\$6,960,325
Storage Variable Prod. Costs - UG	\$3,794,866		\$2,826,750		\$338,709		\$0		\$0		\$0		\$0		\$0		\$0		(\$333,332)
Balancing Related LNG to DAC	(\$89,161)		(\$38,972)		(\$32,449)		(\$33,380)		(\$29,827)		(\$29,055)		(\$27,909)		(\$26,214)		(\$26,366)		\$274,099
Supply Related LNG O & M	\$30,455		\$30,455		\$30,455		\$30,455		\$30,455		\$30,455		\$30,455		\$30,455		\$30,455		\$218,778
Inventory Financing - LNG	\$23,368		\$22,087		\$20,858		\$21,976		\$23,227		\$24,506		\$25,829		\$27,587		\$29,340		\$991,649
Inventory Financing - UG	\$49,087		\$23,026		\$46,276		\$75,156		\$103,254		\$131,592		\$159,860		\$187,866		\$215,533		\$875
Inventory Financing - LP	\$97		\$97		\$97		\$97		\$97		\$97		\$97		\$97		\$97		\$34,869
Working Capital	\$17,050		\$12,268		\$1,860		\$692		\$633		\$620		\$600		\$572		\$574		\$9,782,044
Total Storage Variable Product Costs	\$4,263,041		\$3,066,843		\$564,948		\$258,703		\$274,121		\$300,710		\$325,809		\$348,928		\$378,943		\$12,013,023
Storage Variable Product Collections	\$3,560,839		\$2,763,041		\$1,861,707		\$1,111,561		\$626,165		\$474,165		\$444,145		\$488,997		\$682,403		\$2,573,282
Prelim. Ending Balance	\$5,445,916		\$5,758,511		\$4,472,466		\$3,629,078		\$3,284,784		\$3,117,729		\$3,005,516		\$2,871,303		\$2,941,338		\$2,725,012
Month's Average Balance	\$5,094,815		\$5,606,610		\$5,120,845		\$4,055,507		\$3,460,806		\$3,204,456		\$3,064,684		\$2,941,338		\$2,941,338		\$2,725,012
Interest Rate (Fleet Prime)	2.25%		2.25%		2.25%		2.25%		2.25%		2.25%		2.25%		2.25%		2.25%		2.25%
Interest Applied	\$8,794		\$10,714		\$9,470		\$7,750		\$6,400		\$6,124		\$5,856		\$5,439		\$5,207		\$65,755
Storage Variable Product Ending Bal.	\$5,454,709		\$5,769,225		\$4,481,936		\$3,636,828		\$3,291,184		\$3,123,852		\$3,011,373		\$2,876,743		\$2,876,743		\$65,755

New England Gas Company
Rhode Island Division
Deferred Gas Cost Balances
February 2003 - October 2003

	Feb-03	Mar-03	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Feb - Oct '03
	28	31	30	31	30	31	31	30	31	Total
	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	
<u>IVb. Stor Var Non-Prod Cost Deferred</u>										
Beginning Balance	(\$207,994)	(\$256,886)	(\$536,356)	(\$743,839)	(\$851,277)	(\$894,967)	(\$917,703)	(\$935,824)	(\$960,337)	\$0
Storage Variable Non-prod. Costs	\$81,935	\$32,357	\$1,439	\$0	\$0	\$0	\$0	\$0	\$0	\$115,732
Variable Delivery Storage Costs	\$0	\$0	\$6,179	\$6,179	\$6,179	\$6,179	\$6,179	\$6,179	\$6,110	\$43,181
Variable Injection Storage Costs	\$352,861	\$54,888	\$37,482	\$36,839	\$36,993	\$37,452	\$37,764	\$37,666	\$37,534	\$669,280
Fuel Costs Allocated to Storage	\$920	\$690	\$275	\$0	\$0	\$0	\$0	\$0	\$0	\$1,885
Working Capital	\$435,716	\$87,736	\$45,375	\$43,018	\$43,171	\$43,631	\$43,942	\$43,845	\$43,644	\$830,078
Total Storage Var Non-product Costs	\$484,208	\$366,449	\$251,675	\$148,933	\$85,248	\$64,637	\$60,293	\$66,607	\$92,527	\$92,527
Storage Var Non-Product Collections	(\$256,485)	(\$535,599)	(\$742,656)	(\$849,754)	(\$893,354)	(\$915,973)	(\$934,054)	(\$958,586)	(\$1,009,221)	
Prelim. Ending Balance	(\$232,239)	(\$395,243)	(\$639,506)	(\$796,797)	(\$872,315)	(\$905,470)	(\$925,879)	(\$947,205)	(\$984,779)	
Month's Average Balance	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	
Interest Rate (Fleet Prime)										
Interest Applied	(\$401)	(\$757)	(\$1,183)	(\$1,523)	(\$1,613)	(\$1,730)	(\$1,769)	(\$1,752)	(\$1,882)	(\$12,610)
Storage Var Non-Product Ending Bal.	(\$256,886)	(\$536,356)	(\$743,839)	(\$851,277)	(\$894,967)	(\$917,703)	(\$935,824)	(\$960,337)	(\$1,011,102)	

GCR Deferred Summary

Beginning Balance	\$20,563,385	\$10,501,566	\$4,668,215	(\$34,927)	(\$2,189,604)	(\$1,025,669)	\$770,700	\$3,106,575	\$6,219,838	\$102,903,905
Gas Costs	\$23,326,139	\$20,013,143	\$12,736,363	\$8,248,194	\$7,011,778	\$6,212,075	\$6,463,829	\$7,637,223	\$11,255,161	\$434,301
Working Capital	\$98,253	\$85,603	\$54,356	\$34,911	\$29,460	\$25,887	\$26,843	\$31,767	\$47,220	\$434,301
Total Costs	\$23,424,392	\$20,098,746	\$12,790,719	\$8,283,105	\$7,041,238	\$6,237,963	\$6,490,672	\$7,668,991	\$11,302,380	\$103,338,206
Collections	\$33,502,988	\$25,946,578	\$17,498,142	\$10,435,658	\$5,874,333	\$4,441,350	\$4,158,498	\$4,564,344	\$6,404,781	\$112,826,672
Prelim. Ending Balance	\$10,474,789	\$4,653,734	(\$39,208)	(\$2,187,480)	(\$1,022,699)	\$770,943	\$3,102,874	\$6,211,222	\$11,117,437	
Month's Average Balance	\$15,514,087	\$7,577,650	\$2,314,504	(\$1,111,204)	(\$1,606,151)	(\$127,363)	\$1,936,787	\$4,658,899	\$8,668,637	
Interest Rate (Fleet Prime)	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	2.25%	
Interest Applied	\$26,778	\$14,481	\$4,280	(\$2,123)	(\$2,970)	(\$243)	\$3,701	\$8,616	\$16,565	\$69,084
Ending Bal. W/ Interest	\$10,501,566	\$4,668,215	(\$34,927)	(\$2,189,604)	(\$1,025,669)	\$770,700	\$3,106,575	\$6,219,838	\$11,134,002	
Under/(Over)-collection	(\$10,078,596)	(\$5,847,832)	(\$4,707,423)	(\$2,152,553)	\$1,166,905	\$1,796,613	\$2,332,174	\$3,104,647	\$4,897,599	

New England Gas Company
Rhode Island Division
Deferred Gas Cost Balances
February 2003 - October 2003

	Feb-03		Mar-03		Apr-03		May-03		Jun-03		Jul-03		Aug-03		Sep-03		Oct-03		Feb - Oct '03 Total	
	28 fcst	31	31 fcst	30	30 fcst	31	31 fcst	30	30 fcst	31	31 fcst	31	31 fcst	30	30 fcst	31	31 fcst			
Gas Cost Proof --																				
(a) Variable Gas Costs																				
Pipeline Supply	\$16,184,974	\$14,078,982	\$9,339,703	\$5,154,991	\$3,904,717	\$3,076,792	\$3,303,428	\$4,455,296	\$8,017,707	\$67,516,589										
Underground Storage	\$3,794,866	\$2,826,750	\$338,709	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,960,325	
LNG/Propane	\$437,278	\$191,131	\$159,141	\$163,706	\$146,282	\$142,494	\$136,877	\$128,565	\$129,308	\$1,634,781										
(b) Fixed Gas Costs																				
Pipeline Demand	\$2,334,091	\$2,334,567	\$2,318,574	\$2,318,813	\$2,318,574	\$2,318,813	\$2,318,813	\$2,318,574	\$2,344,087	\$20,924,907										
Supplier Demand	\$207,862	\$211,859	\$210,477	\$211,859	\$210,477	\$211,859	\$211,859	\$210,477	\$210,477	\$1,897,206										
Storage Facilities	\$413,604	\$388,404	\$388,404	\$388,404	\$388,404	\$388,404	\$388,404	\$388,404	\$388,404	\$3,520,840										
Storage Delivery	\$402,155	\$402,155	\$333,516	\$333,516	\$333,516	\$333,516	\$333,516	\$333,516	\$333,516	\$3,138,919										
(c) Mkr Release Credits	\$328,526	\$328,526	\$328,526	\$328,526	\$328,526	\$328,526	\$328,526	\$328,526	\$328,526	\$2,956,735										
(d) Capacity Release Revenues	\$140,000	\$140,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$980,000										
sub-total Gas Costs	\$23,306,303	\$19,965,322	\$12,659,999	\$8,142,762	\$6,873,444	\$6,043,352	\$6,264,370	\$7,406,305	\$10,994,974	\$101,656,832										
(e) Supply Related O & M	\$73,697	\$73,697	\$73,697	\$73,697	\$73,697	\$73,697	\$73,697	\$73,697	\$73,697	\$663,270										
(f) Inventory Financing	\$72,553	\$45,210	\$67,231	\$97,229	\$126,578	\$156,195	\$185,786	\$215,550	\$244,971	\$1,211,302										
(g) Costs to DAC	(\$126,413)	(\$71,086)	(\$64,563)	(\$65,494)	(\$61,941)	(\$61,169)	(\$60,023)	(\$58,329)	(\$58,480)	(\$627,498)										
Total	\$23,326,139	\$20,013,143	\$12,736,363	\$8,248,194	\$7,011,778	\$6,212,075	\$6,463,829	\$7,637,223	\$11,255,161	\$102,903,905										

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Factors Effective 03/1/03

<u>Line No.</u>	<u>Description</u> (a)	<u>Reference</u> (b)	<u>Resid & Small C&I</u> (c)	<u>Medium C&I</u> (d)	<u>Large LLF</u> (e)	<u>Large HLF</u> (f)	<u>Extra Large LLF</u> (g)	<u>Extra Large HLF</u> (h)
1	Supply Fixed Cost Factor		\$0.9905	\$0.8972	\$0.9436	\$0.6182	\$0.8649	\$0.3467
2	Storage Fixed Cost Factor		\$0.3698	\$0.3303	\$0.3660	\$0.2231	\$0.3229	\$0.1281
3	Supply Variable Cost Factor		\$4.7142	\$4.7142	\$4.7142	\$4.7142	\$4.7142	\$4.7142
4a	Storage Variable Product Cost Factor		\$0.8456	\$0.8456	\$0.8456	\$0.8456	\$0.8456	\$0.8456
4b	Storage Variable Non-product Cost Factor		\$0.0984	\$0.0984	\$0.0984	\$0.0984	\$0.0984	\$0.0984
5	Total Gas Cost Recovery Charge	(1)+(2)+(3)+(4)	\$7.0186	\$6.8858	\$6.9678	\$6.4995	\$6.8460	\$6.1331
6	Uncollectible %		2.10%	2.10%	2.10%	2.10%	2.10%	2.10%
7	Total GCR Charge adjusted for Uncollectibles		\$7.1691	\$7.0335	\$7.1173	\$6.6389	\$6.9929	\$6.2647

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Determination of Supply Fixed Cost Factor

Line No.	Description (a)	Reference (b)	Amount (c)	Resid & Small C&I (d)	Medium C&I (e)	Large LLF (f)	Large HLF (g)	Extra Large LLF (h)	Extra Large HLF (i)
1	Supply Fixed Costs		\$17,651,951						
2	Less:								
3	Capacity Release Revenues		\$840,000						
4	Interruptible Costs		\$0						
5	Non-Firm Sales Costs		\$0						
6	Off-System Sales Margin		\$0						
7	Refunds		\$0						
8	Total Credits		\$840,000						
9	Plus:								
10	Working Capital Requirement		\$65,115						
11	Reconciliation Amount		(\$4,298,109)						
12	Total Additions		(\$4,232,994)						
13	Total Supply Fixed Costs		\$12,578,957						
14	Design Winter Sales Percentage			83.40%	12.01%	3.60%	0.51%	0.17%	0.31%
15	Allocated Supply Fixed Costs			\$10,490,777	\$1,510,652	\$453,013	\$64,370	\$21,358	\$38,787
16	Sales (Dt)			10,590,885	1,683,693	480,093	104,131	24,694	111,867
17	Supply Fixed Factor			\$0.9905	\$0.8972	\$0.9436	\$0.6182	\$0.8649	\$0.3467

NEW ENGLAND DIVISION
Gas Cost Recovery Filing
Determination of Storage Fixed Cost Factor

Line No.	Description (a)	Reference (b)	Amount (c)	Resid & Small C&I (d)	Medium C&I (e)	Large LLF (f)	Large HLF (g)	Extra Large LLF (h)	Extra Large C&I (i)
1	Storage Fixed Costs		\$5,844,000						
2	Less:								
3	LNG Demand to DAC		\$256,914						
4	Credits		\$0						
5	Refunds		\$0						
6	Total Credits		\$256,914						
7	Plus:								
8	Supply Related LNG O&M Costs		\$691,859						
9	Working Capital Requirement		\$53,393						
10	Reconciliation Amount		(\$1,474,271)						
11	Total Additions		(\$729,018)						
12	Total Storage Fixed Costs		\$4,858,067						
13	Design Winter Throughput Percentage			80.62%	14.16%	4.14%	0.62%	0.16%	0.30%
14	Allocated Storage Fixed Costs		\$3,916,390	\$688,048	\$200,936	\$30,242	\$7,973	\$14,480	
15	Throughput (Dt)		10,590,885	2,082,864	549,039	135,581	24,694	112,997	
16	Storage Fixed Factor		\$0.3698	\$0.3303	\$0.3660	\$0.2231	\$0.3229	\$0.1281	

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Determination of Variable Cost Factors

<u>Line No.</u>	<u>Description</u>	<u>Reference</u>	<u>Amount</u>
1	Variable Supply Costs		\$51,331,615
2	Less:		
3	Non-Firm Sales		\$0
4	Variable Delivery Storage Costs		\$215,563
5	Variable Injection Storage Costs		\$43,181
6	Fuel Costs Allocated to Storage		\$1,101,275
7	Refunds		\$0
8	Total Credits		\$1,360,019
9	Plus:		
10	Working Capital		\$215,167
11	Reconciliation Amount		<u>\$11,076,123</u>
12	Total Additions		<u>\$11,291,290</u>
13	Total Variable Supply Costs		\$61,262,886
14	Sales (Dt)		12,995,364
15	Supply Variable Cost Factor		<u>\$4.7142</u>

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Determination of Variable Cost Factors

Line No.	<u>Description</u>	<u>Reference</u>	<u>Amount</u>
1	Storage Variable Product Costs		\$4,138,737
2	Less:		
3	Balancing Related LNG Costs (to DAC)		\$244,171
4	Refunds		<u>\$0</u>
5	Total Credits		\$244,171
6	Plus:		
7	Supply Related LNG O&M		\$487,287
8	Working Capital		\$13,812
9	Inventory Financing - LNG (Supply)		\$195,410
10	Inventory Financing - LP (Supply)		\$777
11	Inventory Financing - Storage		\$942,562
12	Reconciliation Amount		<u>\$5,454,709</u>
13	Total Additions		\$7,094,559
14	Total Storage Variable Costs		\$10,989,124
15	Sales (Dt)		12,995,364
16	Storage Variable Product Cost Factor		<u>\$0.8456</u>
17	Storage Variable Non-Product Costs		\$224,226
18	Less:		
19	Refunds		<u>\$0</u>
20	Total Credits		\$0
21	Plus:		
22	Variable Delivery Storage Costs		\$215,563
23	Variable Injection Storage Costs		\$43,181
24	Fuel Costs Allocated to Storage		\$1,101,275
25	Working Capital		\$965
26	Inventory Financing - Storage		\$0
27	Reconciliation Amount		<u>(\$256,886)</u>
28	Total Additions		\$1,104,099
29	Total Storage Variable Costs		\$1,328,325
30	Throughput (Dt)		13,496,061
31	Storage Variable Product Cost Factor		<u>\$0.0984</u>

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Determination of Reconciliation Balance

Line No.	Description (a)	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Fcst
		Jul-02 (c)	Aug-02 (d)	Sep-02 (e)	Oct-02 (f)	Nov-02 (f)	Dec-02 (f)	Jan-03 (f)	Feb-03 (f)	
1	Beginning Balance - Supply Fixed	\$0	\$1,446,487	\$2,601,854	\$4,048,184	\$5,300,250	\$4,957,995	\$2,910,415		(\$173,432)
2	Supply Fixed Gas Costs	\$2,291,535	\$2,004,087	\$2,315,789	\$2,264,795	\$2,310,015	\$2,238,427	\$2,206,286		\$2,213,427
3	Supply Fixed Credits/Capacity Rel.	\$91,615	\$104,890	\$120,924	\$67,583	\$96,431	\$122,596	\$0		\$140,000
4	Working Capital Requirement	\$9,472	\$8,178	\$9,451	\$9,461	\$9,531	\$9,110	\$9,500		\$8,928
5	Adjusted Supply Fixed Costs	\$2,209,393	\$1,907,374	\$2,204,315	\$2,206,672	\$2,223,116	\$2,124,941	\$2,215,786		\$2,082,355
6	Supply Fixed Collections	\$764,593	\$756,729	\$765,492	\$965,511	\$2,575,268	\$4,180,032	\$5,302,245		\$6,203,176
7	(Over)/Under Recovery	\$1,444,800	\$1,150,645	\$1,438,823	\$1,241,161	(\$352,152)	(\$2,055,091)	(\$3,086,459)		(\$4,120,821)
8	Avg. Beg. Bal & (Over)/Under Recovery	\$722,400	\$2,021,809	\$3,321,266	\$4,668,765	\$5,124,173	\$3,930,449	\$1,367,185		(\$2,233,842)
9	Interest Rate	2.75%	2.75%	2.75%	2.75%	2.35%	2.25%	2.25%		2.25%
10	Interest Income	\$1,687	\$4,722	\$7,507	\$10,904	\$9,897	\$7,511	\$2,613		(\$3,856)
11	Refunds									
12	End of Month Balance - Supply Fixed	\$1,446,487	\$2,601,854	\$4,048,184	\$5,300,250	\$4,957,995	\$2,910,415	(\$173,432)		(\$4,298,109)

Reconcil

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Determination of Reconciliation Balance

Line No.	Description (a)	Actual Jul-02 (c)	Actual Aug-02 (d)	Actual Sep-02 (e)	Actual Oct-02 (f)	Actual Nov-02 (f)	Actual Dec-02 (f)	Actual Jan-03 (f)	Actual Feb-03 (f)
13	Beginning Balance - Storage Fixed	\$0	\$482,625	\$1,044,206	\$1,407,836	\$1,808,452	\$1,658,816	\$901,737	(\$37,873)
14	Storage Fixed Gas Costs	\$743,437	\$820,390	\$608,980	\$730,348	\$751,651	\$713,262	\$932,546	\$815,759
15	Storage Fixed Credits								
16	Less LNG Costs to DAC	\$32,114	\$32,114	\$32,114	\$32,114	\$32,114	\$32,114	\$32,114	\$37,253
17	Supply Related LNG O&M	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241	\$43,241
18	Working Capital Requirement	\$3,249	\$3,580	\$2,670	\$3,193	\$3,284	\$3,119	\$4,063	\$3,538
19	Adjusted Storage Fixed Costs	\$757,813	\$835,098	\$622,777	\$744,667	\$766,063	\$727,508	\$947,736	\$825,286
20	Storage Fixed Collections	\$275,751	\$275,298	\$261,915	\$347,803	\$919,044	\$1,487,031	\$1,888,171	\$2,260,380
21	(Over)/Under Recovery	\$482,062	\$559,800	\$360,862	\$396,864	(\$152,981)	(\$759,523)	(\$940,435)	(\$1,435,094)
22	Avg. Beg. Bal & (Over)/Under Recovery	\$241,031	\$762,525	\$1,224,637	\$1,606,268	\$1,731,961	\$1,279,055	\$431,520	(\$755,420)
23	Interest Rate	2.75%	2.75%	2.75%	2.75%	2.35%	2.25%	2.25%	2.25%
24	Interest Income	\$563	\$1,781	\$2,768	\$3,752	\$3,345	\$2,444	\$825	(\$1,304)
25	Refunds								
26	End of Month Balance - Storage Fixed	\$482,625	\$1,044,206	\$1,407,836	\$1,808,452	\$1,658,816	\$901,737	(\$37,873)	(\$1,474,271)

Reconcil

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Determination of Reconciliation Balance

Line No.	Description (a)	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Fcst
		Jul-02 (c)	Aug-02 (d)	Sep-02 (e)	Oct-02 (f)	Nov-02 (f)	Dec-02 (f)	Jan-03 (f)	Feb-03 (f)	Feb-03 (f)
27	Beginning Balance - Supply Variable	\$2,137,309	\$1,461,740	\$1,116,238	\$967,268	\$4,995,438	\$8,982,498	\$12,691,003	\$16,228,969	
28	Supply Variable Gas Costs	\$2,026,301	\$2,346,525	\$2,571,162	\$7,377,966	\$12,753,874	\$18,193,386	\$22,047,184	\$16,184,974	
29	Supply Variable Credits	\$42,804	\$48,322	\$37,460	\$34,020	\$3,509	\$311,877	\$535,225	\$434,797	
30	Working Capital Requirement	\$8,605	\$9,956	\$10,912	\$31,624	\$54,902	\$77,021	\$92,641	\$67,817	
31	Adjusted Supply Variable Costs	\$1,992,102	\$2,308,159	\$2,544,613	\$7,375,570	\$12,805,268	\$17,958,530	\$21,604,600	\$15,817,995	
32										
33	Supply Variable Collections	\$2,671,869	\$2,656,668	\$2,695,935	\$3,354,355	\$8,831,694	\$14,270,713	\$18,094,240	\$20,994,385	
34	(Over)/Under Recovery	(\$679,767)	(\$348,509)	(\$151,322)	\$4,021,215	\$3,973,574	\$3,687,817	\$3,510,360	(\$5,176,390)	
35	Avg. Beg. Bal & (Over)/Under Recovery	\$1,797,425	\$1,287,485	\$1,040,577	\$2,977,875	\$6,982,225	\$10,826,406	\$14,446,183	\$13,640,774	
36	Interest Rate	2.75%	2.75%	2.75%	2.75%	2.35%	2.25%	2.25%	2.25%	
37	Interest Income	\$4,198	\$3,007	\$2,352	\$6,955	\$13,486	\$20,689	\$27,606	\$23,544	
38	Refunds									
39	End of Month Balance - Supply Variable	\$1,461,740	\$1,116,238	\$967,268	\$4,995,438	\$8,982,498	\$12,691,003	\$16,228,969	\$11,076,123	

Reconcil

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Determination of Reconciliation Balance

Line No.	Description (a)	Actual Jul-02 (c)	Actual Aug-02 (d)	Actual Sep-02 (e)	Actual Oct-02 (f)	Actual Nov-02 (f)	Actual Dec-02 (f)	Actual Jan-03 (f)	Fcst Feb-03 (f)
40	Beginning Balance - Storage Variable Prod	\$0	(\$183,826)	(\$362,019)	(\$335,528)	(\$186,022)	(\$1,208,820)	(\$175,614)	\$4,743,714
41	Storage Variable Gas Costs	\$98,263	\$85,977	\$287,761	\$577,932	\$267,138	\$3,374,634	\$8,557,848	\$4,232,144
42	Storage Variable Credits								
43	Less LNG Costs to DAC	\$20,036	\$17,212	\$23,353	\$97,158	\$26,899	\$136,854	\$737,795	\$89,161
44	Supply Related LNG O&M	\$188,632	\$202,545	\$217,655	\$234,823	\$233,887	\$203,168	\$131,019	\$103,008
45	Working Capital Requirement	<u>\$348</u>	<u>\$280</u>	<u>\$1,110</u>	<u>\$2,057</u>	<u>\$1,153</u>	<u>\$12,756</u>	<u>\$31,513</u>	<u>\$17,050</u>
46	Adjusted Storage Variable Costs	\$267,207	\$271,590	\$483,173	\$717,654	\$475,278	\$3,453,705	\$7,982,585	\$4,263,041
47	Storage Variable Collections	\$450,818	\$449,147	\$455,895	\$567,540	\$1,496,730	\$2,419,177	\$3,067,617	\$3,560,839
48	(Over)/Under Recovery	(\$183,611)	(\$177,557)	\$27,278	\$150,114	(\$1,021,452)	\$1,034,528	\$4,914,968	\$702,202
49	Avg. Beg. Bal & (Over)/Under Recovery	(\$91,806)	(\$272,604)	(\$348,380)	(\$260,471)	(\$696,748)	(\$691,557)	\$2,281,869	\$5,094,815
50	Interest Rate	2.75%	2.75%	2.75%	2.75%	2.35%	2.25%	2.25%	2.25%
51	Interest Income	(\$214)	(\$637)	(\$787)	(\$608)	(\$1,346)	(\$1,322)	\$4,361	\$8,794
52	Refunds								
53	End of Month Balance - Storage Variable	(\$183,826)	(\$362,019)	(\$335,528)	(\$186,022)	(\$1,208,820)	(\$175,614)	\$4,743,714	\$5,454,709

NEW ENGLAND GAS COMPANY
 Gas Cost Recovery Filing
Determination of Reconciliation Balance

Line No.	Description (a)	Actual Jul-02 (c)	Actual Aug-02 (d)	Actual Sep-02 (e)	Actual Oct-02 (f)	Actual Nov-02 (f)	Actual Dec-02 (f)	Actual Jan-03 (f)	Actual Feb-03 (f)
54	Beginning Balance - Storage Variable Non-	\$0	(\$32,658)	(\$59,361)	(\$80,699)	(\$123,614)	(\$320,178)	(\$334,477)	(\$207,993)
55	Storage Variable Non-prod. Gas Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
56	Storage Variable Non-prod. Credits								
57	Storage Var. Del. Inj. Costs	\$4,486	\$5,400	\$6,048	\$5,195	\$1,365	\$58,694	\$99,832	\$81,935
58	Fuel Costs Alloc. To Storage	\$23,365	\$28,835	\$30,930	\$28,236	\$1,660	\$247,024	\$431,995	\$352,861
59	Working Capital Requirement	\$120	\$147	\$159	\$144	\$13	\$1,316	\$2,290	\$920
60	Adjusted Storage Variable Costs	\$27,971	\$34,382	\$37,137	\$33,575	\$3,037	\$307,034	\$534,117	\$435,716
61	Storage Variable Non-product Collections	\$60,591	\$60,978	\$58,317	\$76,252	\$199,173	\$320,709	\$407,115	\$484,208
62	(Over)/Under Recovery	(\$32,620)	(\$26,596)	(\$21,180)	(\$42,677)	(\$196,136)	(\$13,675)	\$127,002	(\$48,492)
63	Avg. Beg. Bal & (Over)/Under Recovery	(\$16,310)	(\$45,956)	(\$69,951)	(\$102,037)	(\$221,682)	(\$327,015)	(\$270,976)	(\$232,239)
64	Interest Rate	2.75%	2.75%	2.75%	2.75%	2.35%	2.25%	2.25%	2.25%
65	Interest Income	(\$38)	(\$107)	(\$158)	(\$238)	(\$428)	(\$625)	(\$518)	(\$401)
66	Refunds								
67	End of Month Balance - Storage Variable	(\$32,658)	(\$59,361)	(\$80,699)	(\$123,614)	(\$320,178)	(\$334,477)	(\$207,993)	(\$256,886)
68	TOTAL Ending Deferred w/ Interest	\$3,174,369	\$4,340,918	\$6,007,062	\$11,794,503	\$14,070,310	\$15,993,064	\$20,553,385	\$10,501,567

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Fixed Costs Working Capital Calculation

Line No.	<u>Description</u> (a)	<u>Reference</u> (b)	<u>Amount</u> (c)
1	Supply Fixed Costs		\$15,962,606
2	Capacity Release Revenue		<u>\$840,000</u>
3	Allowable Working Capital Costs	(1) - (2)	\$15,122,606
4	Number of Days Lag	Rate Case	13.40
5	Working Capital Requirement	[(3) * (4)] / 365	\$555,186
6	Cost of Capital	Rate Case	<u>9.09%</u>
7	Return on Working Capital Requirement	(5) * (6)	\$50,466
8	Weighted Cost of Debt	Rate Case	<u>4.19%</u>
9	Interest Expense	(5) * (8)	\$23,262
10	Taxable Income	(7) - (9)	\$27,204
11	1 - Combined Tax Rate	Rate Case	<u>0.6500</u>
12	Return and Tax Requirement	(10) / (11)	\$41,852
13	Supply Fixed Working Capital Requirement	(9) + (12)	<u>\$65,115</u>
14	Storage Fixed Costs		\$11,965,398
15	Less: LNG Demand to DAC		(\$256,914)
16	Less: Credits		\$0
17	Plus: Supply Related LNG O&M Costs		\$691,859
18	Allowable Working Capital Costs	(14)+(15)+(16)+(17)	\$12,400,343
19	Number of Days Lag	Rate Case	13.40
20	Working Capital Requirement	[(18) * (19)] / 365	\$455,245
21	Cost of Capital	Rate Case	<u>9.09%</u>
22	Return on Working Capital Requirement	(20) * (21)	\$41,382
23	Weighted Cost of Debt	Rate Case	<u>4.19%</u>
24	Interest Expense	(20) * (23)	\$19,075
25	Taxable Income	(20) - (24)	\$22,307
26	1 - Combined Tax Rate	Rate Case	<u>0.6500</u>
27	Return and Tax Requirement	(25) / (26)	\$34,319
28	Storage Fixed Working Capital Requirement	(24) + (27)	<u>\$53,393</u>

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Variable Costs Working Capital Calculation

Line No.	<u>Description</u> (a)	<u>Reference</u> (b)	<u>Amount</u> (c)
1	Supply Variable Costs		\$51,331,615
2	Credits		<u>\$1,360,019</u>
3	Allowable Working Capital Costs	(1) - (2)	\$49,971,596
4	Number of Days Lag	Rate Case	13.40
5	Working Capital Requirement	[(3) * (4)] / 365	\$1,834,574
6	Cost of Capital	Rate Case	<u>9.09%</u>
7	Return on Working Capital Requirement	(5) * (6)	\$166,763
8	Weighted Cost of Debt	Rate Case	<u>4.19%</u>
9	Interest Expense	(5) * (8)	\$76,869
10	Taxable Income	(7) - (9)	\$89,894
11	1 - Combined Tax Rate	Rate Case	<u>0.6500</u>
12	Return and Tax Requirement	(10) / (11)	\$138,299
13	Supply Variable Working Capital Requirement	(9) + (12)	<u>\$215,167</u>
14	Storage Variable Product Costs		\$4,138,737
15	Less: Balancing Related LNG Commodity (to DAC)		(\$1,418,189)
16	Plus: Supply Related LNG O&M Costs		<u>\$487,287</u>
17	Allowable Working Capital Costs	(14) + (15) + (16)	\$3,207,835
18	Number of Days Lag	Rate Case	13.40
19	Working Capital Requirement	[(17) * (18)] / 365	\$117,767
20	Cost of Capital	Rate Case	<u>9.09%</u>
21	Return on Working Capital Requirement	(19) * (20)	\$10,705
22	Weighted Cost of Debt	Rate Case	<u>4.19%</u>
23	Interest Expense	(19) * (22)	\$4,934
24	Taxable Income	(19) - (23)	\$5,771
25	1 - Combined Tax Rate	Rate Case	<u>0.6500</u>
26	Return and Tax Requirement	(24) / (25)	\$8,878
27	Storage Var. Product Working Capital Requir.	(23) + (26)	<u>\$13,812</u>

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Variable Costs Working Capital Calculation

<u>Line No.</u>	<u>Description</u> (a)	<u>Reference</u> (b)	<u>Amount</u> (c)
1	Storage Variable Non-Product Costs		\$224,226
2	Credits		<u>\$0</u>
3	Allowable Working Capital Costs	(1) - (2)	\$224,226
4	Number of Days Lag	Rate Case	13.40
5	Working Capital Requirement	[(3) * (4)] / 365	\$8,232
6	Cost of Capital	Rate Case	<u>9.09%</u>
7	Return on Working Capital Requirement	(5) * (6)	\$748
8	Weighted Cost of Debt	Rate Case	<u>4.19%</u>
9	Interest Expense	(5) * (8)	\$345
10	Taxable Income	(7) - (9)	\$403
11	1 - Combined Tax Rate	Rate Case	<u>0.6500</u>
12	Return and Tax Requirement	(10) / (11)	\$621
13	Storage Variable Non-product WC Requir.	(9) + (12)	<u>\$965</u>

NEW ENGLAND GAS COMPANY
Gas Cost Recovery Filing
Gas Inventory Financing Costs

Line No.	Description (a)	Reference (b)	Feb-03 (f)	Mar-03 (k)	Apr-03 (f)	May-03 (m)	Jun-02 (n)	Jul-03 (n)	Aug-02 (n)	Sep-03 (n)	Oct-03 (n)	March '03 October '03 (p)
1	Storage Inventory Balance		\$5,022,388	\$2,355,925	\$4,734,704	\$7,689,567	\$10,564,449	\$13,463,849	\$16,356,092	\$19,221,499	\$22,052,348	
2	Cost of Capital	Rate Case	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	
3	Return on Working Capital Requirement	(1) * (2)	\$456,535	\$214,154	\$430,385	\$698,982	\$960,308	\$1,223,864	\$1,486,769	\$1,747,234	\$2,004,558	\$8,766,254
4	Weighted Cost of Debt	Rate Case	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	
5	Interest Charges Financed	(1) * (4)	\$210,438	\$98,713	\$198,384	\$322,193	\$442,650	\$564,135	\$685,320	\$805,381	\$923,993	\$4,040,770
6	Taxable Income	(3) - (5)	\$246,097	\$115,440	\$232,000	\$378,789	\$517,658	\$659,729	\$801,449	\$941,853	\$1,080,565	
7	1 - Combined Tax Rate	Rate Case	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	
8	Return and Tax Requirement	(6) / (7)	\$378,611	\$177,600	\$356,924	\$579,675	\$796,397	\$1,014,967	\$1,232,998	\$1,449,005	\$1,662,408	\$7,269,974
9	Working Capital Requirement	(5) + (8)	\$589,049	\$276,314	\$555,308	\$901,868	\$1,239,047	\$1,579,102	\$1,918,318	\$2,254,386	\$2,586,401	\$11,310,745
10	Monthly Average	(9) / 12	\$49,087	\$23,026	\$46,276	\$75,156	\$103,254	\$131,592	\$159,860	\$187,866	\$215,533	\$942,562
11	LNG Inventory Balance		\$3,003,273	\$2,838,642	\$2,680,701	\$2,824,365	\$2,985,153	\$3,149,529	\$3,319,523	\$3,545,528	\$3,770,790	
12	Cost of Capital	Rate Case	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	
13	Return on Working Capital Requirement	(11) * (12)	\$272,998	\$258,033	\$243,676	\$256,735	\$271,350	\$286,292	\$301,745	\$322,288	\$342,765	\$2,282,884
14	Weighted Cost of Debt	Rate Case	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	
15	Interest Charges Financed	(11) * (14)	\$125,837	\$118,939	\$112,321	\$118,341	\$125,078	\$131,965	\$139,088	\$148,558	\$157,996	\$1,052,286
16	Taxable Income	(13) - (15)	\$147,160	\$139,093	\$131,354	\$138,394	\$146,273	\$154,327	\$162,657	\$173,731	\$184,769	
17	1 - Combined Tax Rate	Rate Case	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	
18	Return and Tax Requirement	(16) / (17)	\$226,401	\$213,990	\$202,084	\$212,914	\$225,035	\$237,426	\$250,241	\$267,278	\$284,260	\$1,893,227
19	Working Capital Requirement	(15) + (18)	\$352,238	\$332,929	\$314,405	\$331,255	\$350,113	\$369,391	\$389,329	\$415,836	\$442,256	\$2,945,513
20	Monthly Average	(19) / 12	\$29,353	\$27,744	\$26,200	\$27,605	\$29,176	\$30,783	\$32,444	\$34,653	\$36,855	\$245,459
21	System Balancing Factor	Rate Case	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	20.39%	
22	Balancing Related Inventory Costs	(20) * (21)	\$5,985	\$5,657	\$5,342	\$5,629	\$5,949	\$6,277	\$6,615	\$7,066	\$7,515	\$50,049
23	Supply Related Inventory Costs	(21) - (22)	\$23,368	\$22,087	\$20,858	\$21,976	\$23,227	\$24,508	\$25,829	\$27,587	\$29,340	\$195,410
24	Propane Inventory Balance		\$9,942	\$9,942	\$9,942	\$9,942	\$9,942	\$9,942	\$9,942	\$9,942	\$9,942	
25	Cost of Capital	Rate Case	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	
26	Return on Working Capital Requirement	(11) * (12)	\$904	\$904	\$904	\$904	\$904	\$904	\$904	\$904	\$904	\$7,230
27	Weighted Cost of Debt	Rate Case	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	4.19%	
28	Interest Charges Financed	(11) * (14)	\$417	\$417	\$417	\$417	\$417	\$417	\$417	\$417	\$417	\$3,333
29	Taxable Income	(13) - (15)	\$487	\$487	\$487	\$487	\$487	\$487	\$487	\$487	\$487	
30	1 - Combined Tax Rate	Rate Case	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	0.6500	
31	Return and Tax Requirement	(16) / (17)	\$749	\$749	\$749	\$749	\$749	\$749	\$749	\$749	\$749	\$5,996
32	Working Capital Requirement	(15) + (18)	\$1,166	\$1,166	\$1,166	\$1,166	\$1,166	\$1,166	\$1,166	\$1,166	\$1,166	\$9,328
33	Monthly Average	(19) / 12	\$97	\$97	\$97	\$97	\$97	\$97	\$97	\$97	\$97	\$777

NEW ENGLAND GAS COMPANY
GAS COST RECOVERY FILING
FORECASTED THROUGHPUT (D)

Line No.	Rate Class (a)	Feb-03 (i)	Mar-03 (j)	Apr-03 (k)	May-03 (l)	Jun-03 (m)	Jul-03 (n)	Aug-03 (m)	Sep-03 (m)	Oct-03 (n)	March '03 October '03 (o)
1	SALES (dth)										
2	Residential Non-Heating	103,778	93,830	74,895	60,580	51,962	46,857	40,870	46,952	51,311	467,257
3	Residential Heating	3,865,125	3,041,175	2,012,329	1,189,315	646,008	460,244	435,782	473,836	685,759	8,944,448
4	Small C&I	618,710	417,907	279,676	160,775	71,472	53,511	50,288	52,374	93,177	1,179,181
5	Medium C&I	647,193	510,563	356,005	200,007	142,661	108,096	99,509	107,060	159,792	1,683,693
6	Large LLF	196,637	153,792	104,086	72,921	27,399	33,879	27,185	20,627	40,204	480,093
7	Large HLF	20,787	14,984	16,230	10,791	6,101	7,074	17,873	24,609	6,469	104,131
8	Extra Large LLF	10,430	6,391	9,255	2,023	1,162	1,802	1,431	537	2,085	24,694
9	Extra Large HLF	12,184	9,577	9,929	12,630	15,972	17,572	9,943	25,846	10,398	111,867
10	Total Sales	5,474,844	4,248,219	2,862,404	1,709,043	962,738	729,035	682,880	751,841	1,049,205	12,995,364
11	FT-2 TRANSPORTATION										
12	FT-2 Medium	208,701	81,922	101,629	45,547	39,087	33,414	28,477	29,455	39,641	399,171
13	FT-2 Large LLF	58,835	16,469	17,163	10,910	7,598	2,615	2,092	6,339	5,760	68,946
14	FT-2 Large HLF	8,303	5,511	7,820	3,299	3,023	2,598	2,621	2,996	3,581	31,449
15	FT-2 Extra Large LLF	0	0	0	0	0	0	0	0	0	0
16	FT-2 Extra Large HLF	0	0	0	0	0	0	0	0	0	0
17	Total Transportation	275,840	103,902	126,612	59,756	49,708	38,627	33,190	39,211	49,690	500,697
18	Sales & FT-2 THROUGHPUT										
19	Residential Non-Heating	103,778	93,830	74,895	60,580	51,962	46,857	40,870	46,952	51,311	467,257
20	Residential Heating	3,865,125	3,041,175	2,012,329	1,189,315	646,008	460,244	435,782	473,836	685,759	8,944,448
21	Small C&I	618,710	417,907	279,676	160,775	71,472	53,511	50,288	52,374	93,177	1,179,181
22	Medium C&I	855,894	592,485	457,633	245,555	181,748	141,510	127,986	136,515	199,433	2,082,864
23	Large LLF	255,473	170,262	121,249	83,831	34,997	36,494	29,276	26,966	45,964	549,039
24	Large HLF	29,090	20,495	24,050	14,090	9,124	9,673	20,494	27,605	10,051	135,581
25	Extra Large LLF	10,430	6,391	9,255	2,023	1,162	1,802	1,431	537	2,085	24,694
26	Extra Large HLF	12,184	9,577	9,929	12,630	15,972	17,572	9,943	26,268	11,106	112,897
27	Total Throughput	5,750,684	4,352,121	2,989,016	1,768,799	1,012,445	767,663	716,070	791,052	1,088,895	13,496,061
28	FT-1 TRANSPORTATION										
29	FT-1 Medium	182,743	167,774	119,127	68,002	48,897	38,326	42,040	47,636	76,855	608,657
30	FT-1 Large LLF	155,776	146,523	116,039	42,956	26,657	19,761	22,406	25,739	66,319	466,401
31	FT-1 Large HLF	101,202	96,397	73,357	54,594	44,452	37,194	46,651	42,738	63,151	457,535
32	FT-1 Extra Large LLF	126,431	120,401	81,208	50,131	28,253	31,694	31,324	12,107	38,777	393,895
33	FT-1 Extra Large HLF	294,449	265,591	237,957	227,295	185,708	172,260	189,906	215,246	197,105	1,691,068
34	Total Transportation	860,602	796,687	627,689	442,978	333,968	299,234	331,327	343,466	442,207	3,617,555
35	Total THROUGHPUT										
36	Residential Non-Heating	103,778	93,830	74,895	60,580	51,962	46,857	40,870	46,952	51,311	467,257
37	Residential Heating	3,865,125	3,041,175	2,012,329	1,189,315	646,008	460,244	435,782	473,836	685,759	8,944,448
38	Small C&I	618,710	417,907	279,676	160,775	71,472	53,511	50,288	52,374	93,177	1,179,181
39	Medium C&I	1,038,638	760,259	576,760	313,557	230,644	179,835	170,026	184,151	276,288	2,691,521
40	Large LLF	411,249	316,784	237,289	126,787	61,654	56,255	51,682	52,705	112,283	1,015,440
41	Large HLF	130,292	116,892	97,408	68,684	53,577	46,866	66,145	70,343	73,201	593,115
42	Extra Large LLF	136,861	126,792	90,463	52,154	29,415	33,496	32,754	12,644	40,871	418,589
43	Extra Large HLF	306,633	275,168	247,886	239,925	201,681	189,832	199,849	241,514	208,211	1,804,065
44	Total Throughput	6,611,286	5,148,808	3,616,705	2,211,777	1,346,413	1,066,897	1,047,397	1,134,518	1,541,102	17,113,616

**NEW ENGLAND GAS COMPANY
 GAS COST RECOVERY FILING
 DESIGN WINTER PERIOD THROUGHPUT (D)**

Line No.	Rate Class (a)	Nov-02 (b)	Dec-02 (c)	Jan-03 (d)	Feb-03 (e)	Mar-03 (f)	Total (h)	% (i)
1	SALES (dth)							
2	Residential Non-Heating	61,697	89,223	93,970	97,808	107,975	450,674	2.15%
3	Residential Heating	1,248,408	2,285,223	3,634,212	3,847,760	3,781,314	14,796,917	70.62%
4	Small C&I	166,157	381,305	537,228	619,576	522,792	2,227,058	10.63%
5	Medium C&I	218,501	433,120	601,947	638,144	624,604	2,516,316	12.01%
6	Large LLLF	56,727	131,631	180,744	195,212	190,276	754,590	3.60%
7	Large HLF	20,436	21,464	22,393	21,299	21,630	107,223	0.51%
8	Extra Large LLLF	2,677	7,485	6,877	11,093	7,445	35,577	0.17%
9	Extra Large HLF	12,165	12,570	15,948	11,354	12,570	64,608	0.31%
10	Total Sales	1,786,768	3,362,022	5,093,319	5,442,246	5,268,608	20,952,963	100.00%
11	TRANSPORTATION							
12	FT-2 Medium	60,474	105,722	139,975	149,339	98,192	553,703	
13	FT-2 Large LLLF	9,757	36,197	32,449	42,963	20,605	141,970	
14	FT-2 Large HLF	3,876	5,095	6,535	5,741	6,466	27,713	
15	FT-2 Extra Large LLLF	0	0	0	0	0	0	
16	FT-2 Extra Large HLF	0	0	0	0	0	0	
17	Total Transportation	74,107	147,014	178,959	198,043	125,264	723,386	
18	THROUGHPUT							
19	Residential Non-Heating	61,697	89,223	93,970	97,808	107,975	450,674	2.08%
20	Residential Heating	1,248,408	2,285,223	3,634,212	3,847,760	3,781,314	14,796,917	68.26%
21	Small C&I	166,157	381,305	537,228	619,576	522,792	2,227,058	10.27%
22	Medium C&I	278,976	538,842	741,922	787,483	722,796	3,070,019	14.16%
23	Large LLLF	66,483	167,828	213,193	238,175	210,881	896,560	4.14%
24	Large HLF	24,312	26,560	28,928	27,039	28,097	134,936	0.62%
25	Extra Large LLLF	2,677	7,485	6,877	11,093	7,445	35,577	0.16%
26	Extra Large HLF	12,165	12,570	15,948	11,354	12,570	64,608	0.30%
27	Total Throughput	1,860,875	3,509,036	5,272,278	5,640,289	5,393,872	21,676,349	100.00%

Summary of Typical Sales Service Bill Impacts

	March - October Usage (Therms)	Current Charges	Proposed Charges	Difference	Percent
Residential Non-heating	94	\$159	\$167	\$9	5.4%
Residential Heating	517	\$575	\$623	\$47	8.3%
Small C&I	540	\$635	\$685	\$50	7.8%
Medium C&I	5,634	\$5,171	\$5,691	\$520	10.1%
Large Low Load C&I	36,115	\$31,957	\$35,299	\$3,342	10.5%
Large High Load C&I	39,552	\$29,587	\$33,534	\$3,947	13.3%

Typical Customer Bill Impact

Residential Heating - at Current Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Head Block (d)	Tail Block (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	Off-Peak Blk. Brk.				30					
2	Peak Blk. Brk.				125					
3	Rate		\$9.00	\$ 0.3600	\$ 0.2800	\$ 0.0036		\$0.6251		
4	July	38	\$9.00	\$10.80	\$2.24	\$0.14	\$22.18	\$23.75	\$45.93	\$45.93
5	August	29	\$9.00	\$10.44	\$0.00	\$0.10	\$19.54	\$18.13	\$37.67	\$37.67
6	September	32	\$9.00	\$10.80	\$0.56	\$0.12	\$20.48	\$20.00	\$40.48	\$40.48
7	October	34	\$9.00	\$10.80	\$1.12	\$0.12	\$21.04	\$21.25	\$42.30	\$42.30
8	November	68	\$9.00	\$24.48	\$0.00	\$0.24	\$33.72	\$42.51	\$76.23	
9	December	107	\$9.00	\$38.52	\$0.00	\$0.39	\$47.91	\$66.89	\$114.79	
10	January	165	\$9.00	\$45.00	\$11.20	\$0.59	\$65.79	\$103.14	\$168.94	
11	February	178	\$9.00	\$45.00	\$14.84	\$0.64	\$69.48	\$111.27	\$180.75	
12	March	164	\$9.00	\$45.00	\$10.92	\$0.59	\$65.51	\$102.52	\$168.03	\$168.03
13	April	114	\$9.00	\$41.04	\$0.00	\$0.41	\$50.45	\$71.26	\$121.71	\$121.71
14	May	68	\$9.00	\$10.80	\$10.64	\$0.24	\$30.68	\$42.51	\$73.19	\$73.19
15	June	38	\$9.00	\$10.80	\$2.24	\$0.14	\$22.18	\$23.75	\$45.93	\$45.93
16	Total	1,035	\$108.00	\$303.48	\$53.76	\$3.73	\$468.97	\$646.98	\$1,115.94	\$575.24

Residential Heating - at Proposed Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Head Block (d)	Tail Block (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	Off-Peak Blk. Brk.				30					
2	Peak Blk. Brk.				125					
3	Rate		\$9.00	\$ 0.3600	\$ 0.2800	\$ 0.0036		\$0.7169		
4	July	38	\$9.00	\$10.80	\$2.24	\$0.14	\$22.18	\$27.24	\$49.42	\$49.42
5	August	29	\$9.00	\$10.44	\$0.00	\$0.10	\$19.54	\$20.79	\$40.33	\$40.33
6	September	32	\$9.00	\$10.80	\$0.56	\$0.12	\$20.48	\$22.94	\$43.42	\$43.42
7	October	34	\$9.00	\$10.80	\$1.12	\$0.12	\$21.04	\$24.37	\$45.42	\$45.42
8	November	68	\$9.00	\$24.48	\$0.00	\$0.24	\$33.72	\$48.75	\$82.47	
9	December	107	\$9.00	\$38.52	\$0.00	\$0.39	\$47.91	\$76.71	\$124.61	
10	January	165	\$9.00	\$45.00	\$11.20	\$0.59	\$65.79	\$118.29	\$184.08	
11	February	178	\$9.00	\$45.00	\$14.84	\$0.64	\$69.48	\$127.61	\$197.09	
12	March	164	\$9.00	\$45.00	\$10.92	\$0.59	\$65.51	\$117.57	\$183.08	\$183.08
13	April	114	\$9.00	\$41.04	\$0.00	\$0.41	\$50.45	\$81.73	\$132.18	\$132.18
14	May	68	\$9.00	\$10.80	\$10.64	\$0.24	\$30.68	\$48.75	\$79.43	\$79.43
15	June	38	\$9.00	\$10.80	\$2.24	\$0.14	\$22.18	\$27.24	\$49.42	\$49.42
16	Total	1,035	\$108.00	\$303.48	\$53.76	\$3.73	\$468.97	\$742.00	\$1,210.97	\$622.70
17	Difference		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.02	\$95.02	\$47.47
18	Percent Change		0.00%	0.00%	0.00%	0.00%	0.00%	14.69%	8.52%	8.25%

Typical Customer Bill Impact

Residential Non-Heating - at Current Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Head Block (d)	Tail Block (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	Off-Peak Blk. Brk.			N/A						
2	Peak Blk. Brk.			N/A						
3	Rate		\$ 7.500	\$ 0.4226	\$ 0.4226	\$ 0.0036		\$0.6251		
4	July	13	\$7.50	\$5.49	\$0.00	\$0.05	\$13.04	\$8.13	\$21.17	\$21.17
5	August	9	\$7.50	\$3.80	\$0.00	\$0.03	\$11.34	\$5.63	\$16.96	\$16.96
6	September	10	\$7.50	\$4.23	\$0.00	\$0.04	\$11.76	\$6.25	\$18.01	\$18.01
7	October	10	\$7.50	\$4.23	\$0.00	\$0.04	\$11.76	\$6.25	\$18.01	\$18.01
8	November	13	\$7.50	\$5.49	\$0.00	\$0.05	\$13.04	\$8.13	\$21.17	
9	December	14	\$7.50	\$5.92	\$0.00	\$0.05	\$13.47	\$8.75	\$22.22	
10	January	16	\$7.50	\$6.76	\$0.00	\$0.06	\$14.32	\$10.00	\$24.32	
11	February	16	\$7.50	\$6.76	\$0.00	\$0.06	\$14.32	\$10.00	\$24.32	
12	March	17	\$7.50	\$7.18	\$0.00	\$0.06	\$14.75	\$10.63	\$25.37	\$25.37
13	April	14	\$7.50	\$5.92	\$0.00	\$0.05	\$13.47	\$8.75	\$22.22	\$22.22
14	May	11	\$7.50	\$4.65	\$0.00	\$0.04	\$12.19	\$6.88	\$19.06	\$19.06
15	June	10	\$7.50	\$4.23	\$0.00	\$0.04	\$11.76	\$6.25	\$18.01	\$18.01
16	Total	153	\$90.00	\$64.66	\$0.00	\$0.55	\$155.21	\$95.64	\$250.85	\$158.82

Residential Non-Heating - at Proposed Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Head Block (d)	Tail Block (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	Off-Peak Blk. Brk.			N/A						
2	Peak Blk. Brk.			N/A						
3	Rate		\$7.50	\$ 0.4226	\$ 0.4226	\$ 0.0036		\$0.7169		
4	July	13	\$7.50	\$5.49	\$0.00	\$0.05	\$13.04	\$9.32	\$22.36	\$22.36
5	August	9	\$7.50	\$3.80	\$0.00	\$0.03	\$11.34	\$6.45	\$17.79	\$17.79
6	September	10	\$7.50	\$4.23	\$0.00	\$0.04	\$11.76	\$7.17	\$18.93	\$18.93
7	October	10	\$7.50	\$4.23	\$0.00	\$0.04	\$11.76	\$7.17	\$18.93	\$18.93
8	November	13	\$7.50	\$5.49	\$0.00	\$0.05	\$13.04	\$9.32	\$22.36	
9	December	14	\$7.50	\$5.92	\$0.00	\$0.05	\$13.47	\$10.04	\$23.50	
10	January	16	\$7.50	\$6.76	\$0.00	\$0.06	\$14.32	\$11.47	\$25.79	
11	February	16	\$7.50	\$6.76	\$0.00	\$0.06	\$14.32	\$11.47	\$25.79	
12	March	17	\$7.50	\$7.18	\$0.00	\$0.06	\$14.75	\$12.19	\$26.93	\$26.93
13	April	14	\$7.50	\$5.92	\$0.00	\$0.05	\$13.47	\$10.04	\$23.50	\$23.50
14	May	11	\$7.50	\$4.65	\$0.00	\$0.04	\$12.19	\$7.89	\$20.07	\$20.07
15	June	10	\$7.50	\$4.23	\$0.00	\$0.04	\$11.76	\$7.17	\$18.93	\$18.93
16	Total	153	\$90.00	\$64.66	\$0.00	\$0.55	\$155.21	\$109.69	\$264.90	\$167.45
17	Difference		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14.05	\$14.05	\$8.63
18	Percent Change		0.00%	0.00%	0.00%	0.00%	0.00%	14.69%	5.60%	5.43%

Typical Customer Bill Impact

Small C&I - at Current Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Head Block (d)	Tail Block (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	Off-Peak Blk. Brk.			20						
2	Peak Blk. Brk.			135						
3	Rate		\$ 14.000	\$ 0.3721	\$ 0.2600	\$ 0.0036		\$0.6251		
4	July	22	\$14.00	\$7.44	\$0.52	\$0.08	\$22.04	\$13.75	\$35.79	\$35.79
5	August	21	\$14.00	\$7.44	\$0.26	\$0.08	\$21.78	\$13.13	\$34.90	\$34.90
6	September	21	\$14.00	\$7.44	\$0.26	\$0.08	\$21.78	\$13.13	\$34.90	\$34.90
7	October	40	\$14.00	\$7.44	\$5.20	\$0.14	\$26.79	\$25.00	\$51.79	\$51.79
8	November	72	\$14.00	\$26.79	\$0.00	\$0.26	\$41.05	\$45.01	\$86.06	
9	December	157	\$14.00	\$50.23	\$5.72	\$0.57	\$70.52	\$98.14	\$168.66	
10	January	208	\$14.00	\$50.23	\$18.98	\$0.75	\$83.96	\$130.02	\$213.98	
11	February	265	\$14.00	\$50.23	\$33.80	\$0.95	\$98.99	\$165.65	\$264.64	
12	March	198	\$14.00	\$50.23	\$16.38	\$0.71	\$81.33	\$123.77	\$205.10	\$205.10
13	April	132	\$14.00	\$49.12	\$0.00	\$0.48	\$63.59	\$82.51	\$146.11	\$146.11
14	May	77	\$14.00	\$7.44	\$14.82	\$0.28	\$36.54	\$48.13	\$84.67	\$84.67
15	June	29	\$14.00	\$7.44	\$2.34	\$0.10	\$23.89	\$18.13	\$42.01	\$42.01
16	Total	1,242	\$168.00	\$321.49	\$98.28	\$4.47	\$592.25	\$776.37	\$1,368.62	\$635.28

Small C&I - at Proposed Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Head Block (d)	Tail Block (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	Off-Peak Blk. Brk.			20						
2	Peak Blk. Brk.			135						
3	Rate		\$14.00	\$ 0.3721	\$ 0.2600	\$ 0.0036		\$0.7169		
4	July	22	\$14.00	\$7.44	\$0.52	\$0.08	\$22.04	\$15.77	\$37.81	\$37.81
5	August	21	\$14.00	\$7.44	\$0.26	\$0.08	\$21.78	\$15.06	\$36.83	\$36.83
6	September	21	\$14.00	\$7.44	\$0.26	\$0.08	\$21.78	\$15.06	\$36.83	\$36.83
7	October	40	\$14.00	\$7.44	\$5.20	\$0.14	\$26.79	\$28.68	\$55.46	\$55.46
8	November	72	\$14.00	\$26.79	\$0.00	\$0.26	\$41.05	\$51.62	\$92.67	
9	December	157	\$14.00	\$50.23	\$5.72	\$0.57	\$70.52	\$112.55	\$183.07	
10	January	208	\$14.00	\$50.23	\$18.98	\$0.75	\$83.96	\$149.12	\$233.08	
11	February	265	\$14.00	\$50.23	\$33.80	\$0.95	\$98.99	\$189.98	\$288.97	
12	March	198	\$14.00	\$50.23	\$16.38	\$0.71	\$81.33	\$141.95	\$223.27	\$223.27
13	April	132	\$14.00	\$49.12	\$0.00	\$0.48	\$63.59	\$94.63	\$158.22	\$158.22
14	May	77	\$14.00	\$7.44	\$14.82	\$0.28	\$36.54	\$55.20	\$91.74	\$91.74
15	June	29	\$14.00	\$7.44	\$2.34	\$0.10	\$23.89	\$20.79	\$44.68	\$44.68
16	Total	1,242	\$168.00	\$321.49	\$98.28	\$4.47	\$592.25	\$890.40	\$1,482.65	\$684.86
17	Difference		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$114.03	\$114.03	\$49.58
18	Percent Change		0.00%	0.00%	0.00%	0.00%	0.00%	14.69%	8.33%	7.80%

Typical Customer Bill Impact

Medium C&I at Current Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Demand Charge (d)	Distribution Charge (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	MDCQ			53.09						
2	N/A									
3	Rate		\$ 45.000	\$ 0.9000	\$ 0.1715	\$ 0.0036		\$ 0.6110		
4	July	543	\$45.00	\$47.78	\$93.12	\$1.95	\$187.86	\$331.77	\$519.63	\$519.63
5	August	761	\$45.00	\$47.78	\$130.51	\$2.74	\$226.03	\$464.97	\$691.00	\$691.00
6	September	1,240	\$45.00	\$47.78	\$212.66	\$4.46	\$309.90	\$757.64	\$1,067.54	\$1,067.54
7	October	1,581	\$45.00	\$47.78	\$271.14	\$5.69	\$369.61	\$965.99	\$1,335.60	\$1,335.60
8	November	1,623	\$45.00	\$47.78	\$278.34	\$5.84	\$376.96	\$991.65	\$1,368.62	
9	December	1,396	\$45.00	\$47.78	\$239.41	\$5.03	\$337.22	\$852.96	\$1,190.17	
10	January	1,102	\$45.00	\$47.78	\$188.99	\$3.97	\$285.74	\$673.32	\$959.06	
11	February	593	\$45.00	\$47.78	\$101.70	\$2.13	\$196.61	\$362.32	\$558.93	
12	March	450	\$45.00	\$47.78	\$77.18	\$1.62	\$171.57	\$274.95	\$446.52	\$446.52
13	April	363	\$45.00	\$47.78	\$62.25	\$1.31	\$156.34	\$221.79	\$378.13	\$378.13
14	May	335	\$45.00	\$47.78	\$57.45	\$1.21	\$151.44	\$204.69	\$356.12	\$356.12
15	June	361	\$45.00	\$47.78	\$61.91	\$1.30	\$155.99	\$220.57	\$376.56	\$376.56
16	Total	10,348	\$540.00	\$573.32	\$1,774.68	\$37.25	\$2,925.25	\$6,322.63	\$9,247.88	\$5,171.10

Medium C&I at Proposed Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Demand Charge (d)	Distribution Charge (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	MDCQ			53.09						
2	N/A									
3	Rate		\$45.00	\$ 0.9000	\$ 0.1715	\$ 0.0036		\$0.7034		
4	July	543	\$45.00	\$47.78	\$93.12	\$1.95	\$187.86	\$381.92	\$569.77	\$569.77
5	August	761	\$45.00	\$47.78	\$130.51	\$2.74	\$226.03	\$535.25	\$761.28	\$761.28
6	September	1,240	\$45.00	\$47.78	\$212.66	\$4.46	\$309.90	\$872.15	\$1,182.05	\$1,182.05
7	October	1,581	\$45.00	\$47.78	\$271.14	\$5.69	\$369.61	\$1,112.00	\$1,481.61	\$1,481.61
8	November	1,623	\$45.00	\$47.78	\$278.34	\$5.84	\$376.96	\$1,141.54	\$1,518.50	
9	December	1,396	\$45.00	\$47.78	\$239.41	\$5.03	\$337.22	\$981.88	\$1,319.09	
10	January	1,102	\$45.00	\$47.78	\$188.99	\$3.97	\$285.74	\$775.09	\$1,060.83	
11	February	593	\$45.00	\$47.78	\$101.70	\$2.13	\$196.61	\$417.09	\$613.70	
12	March	450	\$45.00	\$47.78	\$77.18	\$1.62	\$171.57	\$316.51	\$488.08	\$488.08
13	April	363	\$45.00	\$47.78	\$62.25	\$1.31	\$156.34	\$255.32	\$411.65	\$411.65
14	May	335	\$45.00	\$47.78	\$57.45	\$1.21	\$151.44	\$235.62	\$387.06	\$387.06
15	June	361	\$45.00	\$47.78	\$61.91	\$1.30	\$155.99	\$253.91	\$409.90	\$409.90
16	Total	10,348	\$540.00	\$573.32	\$1,774.68	\$37.25	\$2,925.25	\$7,278.27	\$10,203.52	\$5,691.40
17	Difference		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$955.64	\$955.64	\$520.30
18	Percent Change		0.00%	0.00%	0.00%	0.00%	0.00%	15.11%	10.33%	10.06%

Typical Customer Bill Impact

Large C&I (LLF) - at Current Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Demand Charge (d)	Distribution Charge (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	MDCQ			364.3						
2	N/A									
3	Rate		\$ 90.000	\$ 0.9000	\$ 0.1695	\$ 0.0036		\$0.6192		
4	July	3,449	\$90.00	\$327.87	\$584.61	\$12.42	\$1,014.89	\$2,135.62	\$3,150.51	\$3,151
5	August	5,269	\$90.00	\$327.87	\$893.10	\$18.97	\$1,329.93	\$3,262.56	\$4,592.50	\$4,592
6	September	9,942	\$90.00	\$327.87	\$1,685.17	\$35.79	\$2,138.83	\$6,156.09	\$8,294.92	\$8,295
7	October	11,710	\$90.00	\$327.87	\$1,984.85	\$42.16	\$2,444.87	\$7,250.83	\$9,695.70	\$9,696
8	November	10,820	\$90.00	\$327.87	\$1,833.99	\$38.95	\$2,290.81	\$6,699.74	\$8,990.56	
9	December	9,358	\$90.00	\$327.87	\$1,586.18	\$33.69	\$2,037.74	\$5,794.47	\$7,832.21	
10	January	7,301	\$90.00	\$327.87	\$1,237.52	\$26.28	\$1,681.67	\$4,520.78	\$6,202.45	
11	February	3,680	\$90.00	\$327.87	\$623.76	\$13.25	\$1,054.88	\$2,278.66	\$3,333.53	
12	March	1,505	\$90.00	\$327.87	\$255.10	\$5.42	\$678.39	\$931.90	\$1,610.28	\$1,610
13	April	1,597	\$90.00	\$327.87	\$270.69	\$5.75	\$694.31	\$988.86	\$1,683.17	\$1,683
14	May	1,360	\$90.00	\$327.87	\$230.52	\$4.90	\$653.29	\$842.11	\$1,495.40	\$1,495
15	June	1,283	\$90.00	\$327.87	\$217.47	\$4.62	\$639.96	\$794.43	\$1,434.39	\$1,434
16	Total	67,274	\$1,080.00	\$3,934.44	\$11,402.94	\$242.19	\$16,659.57	\$41,656.06	\$58,315.63	\$31,957

Large C&I (LLF) - at Proposed Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Demand Charge (d)	Distribution Charge (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	MDCQ			364.30						
2	N/A									
3	Rate		\$90.00	\$ 0.9000	\$ 0.1695	\$ 0.0036		\$0.7117		
4	July	3,449	\$90.00	\$327.87	\$584.61	\$12.42	\$1,014.89	\$2,454.76	\$3,469.65	\$3,470
5	August	5,269	\$90.00	\$327.87	\$893.10	\$18.97	\$1,329.93	\$3,750.11	\$5,080.04	\$5,080
6	September	9,942	\$90.00	\$327.87	\$1,685.17	\$35.79	\$2,138.83	\$7,076.02	\$9,214.85	\$9,215
7	October	11,710	\$90.00	\$327.87	\$1,984.85	\$42.16	\$2,444.87	\$8,334.36	\$10,779.23	\$10,779
8	November	10,820	\$90.00	\$327.87	\$1,833.99	\$38.95	\$2,290.81	\$7,700.92	\$9,991.73	
9	December	9,358	\$90.00	\$327.87	\$1,586.18	\$33.69	\$2,037.74	\$6,660.37	\$8,698.11	
10	January	7,301	\$90.00	\$327.87	\$1,237.52	\$26.28	\$1,681.67	\$5,196.34	\$6,878.01	
11	February	3,680	\$90.00	\$327.87	\$623.76	\$13.25	\$1,054.88	\$2,619.17	\$3,674.04	
12	March	1,505	\$90.00	\$327.87	\$255.10	\$5.42	\$678.39	\$1,071.15	\$1,749.54	\$1,750
13	April	1,597	\$90.00	\$327.87	\$270.69	\$5.75	\$694.31	\$1,136.63	\$1,830.94	\$1,831
14	May	1,360	\$90.00	\$327.87	\$230.52	\$4.90	\$653.29	\$967.95	\$1,621.24	\$1,621
15	June	1,283	\$90.00	\$327.87	\$217.47	\$4.62	\$639.96	\$913.15	\$1,553.11	\$1,553
16	Total	67,274	\$1,080.00	\$3,934.44	\$11,402.94	\$242.19	\$16,659.57	\$47,880.92	\$64,540.49	\$35,299
17	Difference		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,224.86	\$6,224.86	\$3,342
18	Percent Change		0.00%	0.00%	0.00%	0.00%	0.00%	14.94%	10.67%	10.46%

Typical Customer Bill Impact

Large C&I (HLF) - ProvGas Customer at Current Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Demand Charge (d)	Distribution Charge (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	MDCQ			260.05						
2	N/A									
3	Rate		\$90.00	\$ 1.2500	\$ 0.0964	\$ 0.0036		\$0.5641		
4	July	3,310	\$90.00	\$325.06	\$319.08	\$11.92	\$746.06	\$1,867.17	\$2,613.23	\$2,613
5	August	4,927	\$90.00	\$325.06	\$474.96	\$17.74	\$907.76	\$2,779.32	\$3,687.08	\$3,687
6	September	5,158	\$90.00	\$325.06	\$497.23	\$18.57	\$930.86	\$2,909.63	\$3,840.49	\$3,840
7	October	5,147	\$90.00	\$325.06	\$496.17	\$18.53	\$929.76	\$2,903.42	\$3,833.19	\$3,833
8	November	5,267	\$90.00	\$325.06	\$507.74	\$18.96	\$941.76	\$2,971.11	\$3,912.88	
9	December	6,977	\$90.00	\$325.06	\$672.58	\$25.12	\$1,112.76	\$3,935.73	\$5,048.49	
10	January	8,359	\$90.00	\$325.06	\$805.81	\$30.09	\$1,250.96	\$4,715.31	\$5,966.27	
11	February	7,119	\$90.00	\$325.06	\$686.27	\$25.63	\$1,126.96	\$4,015.83	\$5,142.79	
12	March	6,843	\$90.00	\$325.06	\$659.67	\$24.63	\$1,099.36	\$3,860.14	\$4,959.50	\$4,959
13	April	6,144	\$90.00	\$325.06	\$592.28	\$22.12	\$1,029.46	\$3,465.83	\$4,495.29	\$4,495
14	May	4,439	\$90.00	\$325.06	\$427.92	\$15.98	\$858.96	\$2,504.04	\$3,363.00	\$3,363
15	June	3,584	\$90.00	\$325.06	\$345.50	\$12.90	\$773.46	\$2,021.73	\$2,795.20	\$2,795
16	Total	67,274	\$1,080.00	\$3,900.75	\$6,485.21	\$242.19	\$11,708.15	\$37,949.26	\$49,657.41	\$29,587

Large C&I (HLF) - at Proposed Rates (Rates net of GRT)

Line No.	Particular (a)	Throughput (therms) (b)	Cust. Ch. (c)	Demand Charge (d)	Distribution Charge (e)	DAC (f)	Total Non-Gas (g)	GCR (h)	Total (i)	March - October (j)
1	MDCQ			260.05						
2	N/A									
3	Rate		\$90.00	\$ 1.2500	\$ 0.0964	\$ 0.0036		\$0.6639		
4	July	3,310	\$90.00	\$325.06	\$319.08	\$11.92	\$746.06	\$2,197.48	\$2,943.54	\$2,944
5	August	4,927	\$90.00	\$325.06	\$474.96	\$17.74	\$907.76	\$3,270.99	\$4,178.75	\$4,179
6	September	5,158	\$90.00	\$325.06	\$497.23	\$18.57	\$930.86	\$3,424.34	\$4,355.21	\$4,355
7	October	5,147	\$90.00	\$325.06	\$496.17	\$18.53	\$929.76	\$3,417.04	\$4,346.80	\$4,347
8	November	5,267	\$90.00	\$325.06	\$507.74	\$18.96	\$941.76	\$3,496.71	\$4,438.47	
9	December	6,977	\$90.00	\$325.06	\$672.58	\$25.12	\$1,112.76	\$4,631.96	\$5,744.72	
10	January	8,359	\$90.00	\$325.06	\$805.81	\$30.09	\$1,250.96	\$5,549.46	\$6,800.42	
11	February	7,119	\$90.00	\$325.06	\$686.27	\$25.63	\$1,126.96	\$4,726.23	\$5,853.20	
12	March	6,843	\$90.00	\$325.06	\$659.67	\$24.63	\$1,099.36	\$4,543.00	\$5,642.36	\$5,642
13	April	6,144	\$90.00	\$325.06	\$592.28	\$22.12	\$1,029.46	\$4,078.94	\$5,108.40	\$5,108
14	May	4,439	\$90.00	\$325.06	\$427.92	\$15.98	\$858.96	\$2,947.01	\$3,805.97	\$3,806
15	June	3,584	\$90.00	\$325.06	\$345.50	\$12.90	\$773.46	\$2,379.38	\$3,152.84	\$3,153
16	Total	67,274	\$1,080.00	\$3,900.75	\$6,485.21	\$242.19	\$11,708.15	\$44,662.54	\$56,370.69	\$33,534
17	Difference		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,713.27	\$6,713.27	\$3,947
18	Percent Change		0.00%	0.00%	0.00%	0.00%	0.00%	17.69%	13.52%	13.34%

Rhode Island Weighted Average BTU Content May 2002 through October 2002

Table with columns for DATE, AREA ONE, AREA TWO, and two main sections: ALGONQUIN GATE STATIONS AREA 1 and ALGONQUIN GATE STATIONS AREA 2. Each section includes sub-columns for Dth, WAMP, MCF, DEY ST, and MCF TIVVER, with further sub-columns for METERED and TOTAL values.

**Rhode Island Weighted Average BTU Content
May 2002 through October 2002**

DATE	ALGONQUIN GATE STATIONS AREA 1										ALGONQUIN GATE STATIONS AREA 2										MCF TOTAL	
	AREA ONE BTU VALUE	Dth WAMP METERED	MCF AIR INJ. 100# LINE	MCF WAMP METERED	MCF DEV ST METERED	Dth BARR METERED	MCF BARR METERED	Dth TOTAL AREA ONE	MCF BARR METERED	Dth TOTAL AREA ONE	AREA TWO BTU VALUE	Dth PORTS METERED	MCF PORTS METERED	Dth PORTS METERED	MCF PORTS METERED	Dth TIVER METERED	MCF TIVER METERED	Dth TOTAL AREA TWO	MCF TOTAL AREA TWO			
17-Oct-02	1,022	28,935	0	26,355	2,028	1,984	840	822	29,803	29,161	1,020	4,319	4,234	100	102	100	4,421	4,334				
18-Oct-02	1,016	36,568	0	35,992	2,869	2,824	1,151	1,133	40,588	39,949	1,018	5,130	5,039	128	130	128	5,260	5,167				
19-Oct-02	1,017	27,220	0	26,765	897	882	943	927	29,060	28,574	1,023	4,733	4,627	120	117	117	4,853	4,744				
20-Oct-02	1,024	32,967	0	32,194	6,589	6,435	1,133	1,106	40,689	39,735	1,015	5,142	5,066	133	131	131	5,275	5,197				
21-Oct-02	1,023	40,774	0	39,857	11,940	11,872	1,359	1,328	54,073	52,857	1,027	6,671	6,496	171	167	167	6,842	6,663				
22-Oct-02	1,027	33,353	0	32,476	17,481	16,962	1,403	1,366	52,207	50,854	1,028	7,002	6,911	184	179	179	7,186	6,990				
23-Oct-02	1,024	49,024	0	47,875	30,874	30,150	1,539	1,503	81,437	79,528	1,025	9,332	9,104	246	240	240	9,578	9,344				
24-Oct-02	1,030	36,024	0	34,975	28,630	27,796	1,404	1,363	68,058	64,134	1,031	7,867	7,630	207	201	201	8,074	7,831				
25-Oct-02	1,027	24,932	0	24,277	31,883	31,045	1,275	1,241	58,090	56,563	1,028	7,146	6,951	177	172	172	7,323	7,123				
26-Oct-02	1,025	37,457	0	36,543	24,945	24,337	1,244	1,244	63,677	62,124	1,026	7,524	7,333	177	173	173	7,701	7,506				
27-Oct-02	1,023	31,285	0	30,562	23,904	23,367	1,145	1,119	56,334	55,068	1,024	6,728	6,570	160	156	156	6,888	6,726				
28-Oct-02	1,025	42,650	0	41,610	28,613	27,915	1,383	1,349	72,646	70,874	1,026	8,139	7,933	207	202	202	8,346	8,135				
29-Oct-02	1,026	39,632	0	38,628	25,264	24,624	1,485	1,447	66,381	64,699	1,027	8,968	8,732	246	240	240	9,214	8,972				
30-Oct-02	1,025	43,224	0	42,170	25,648	24,925	1,533	1,496	70,305	68,591	1,025	9,345	9,117	258	252	252	9,603	9,369				
31-Oct-02	1,025	30,090	0	29,356	20,564	20,062	1,409	1,375	52,063	50,793	1,026	8,153	7,946	216	211	211	8,369	8,157				

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	ALGONQUIN GATE STATIONS AREA 3				TENN GATE STATIONS				TOTAL					
	AREA THREE		Dth BURR		Dth BURR		Dth BURR		Dth BURR		Dth BURR		Dth BURR	
	BTU VALUE	MCF WEST	METERED	METERED	MCF BURR	METERED	METERED	METERED	MCF BURR	METERED	METERED	METERED	MCF BURR	METERED
1-May-02	1,032	1,306	1,266	14	14	1,320	1,280	1,022	27,984	0	27,392	27,392	33,981	33,981
2-May-02	1,031	1,479	1,455	16	16	1,495	1,451	1,020	34,661	0	33,981	33,981	28,831	28,831
3-May-02	1,029	1,370	1,331	15	15	1,385	1,346	1,020	29,408	0	28,831	28,831	30,600	30,600
4-May-02	1,028	875	853	11	11	866	864	1,017	31,120	0	30,175	30,175	24,189	24,189
5-May-02	1,025	823	803	9	9	832	812	1,015	30,828	0	29,541	29,541	19,387	19,387
6-May-02	1,023	993	971	6	6	999	977	1,015	24,552	0	23,587	23,587	17,929	17,929
7-May-02	1,024	928	906	8	8	936	914	1,013	27,899	0	26,887	26,887	20,437	20,437
8-May-02	1,023	1,046	1,022	9	9	1,055	1,031	1,008	19,839	0	19,387	19,387	15,899	15,899
9-May-02	1,020	1,215	1,191	11	11	1,226	1,202	1,009	16,026	0	15,899	15,899	17,929	17,929
10-May-02	1,018	879	863	9	9	888	872	1,010	18,090	0	17,929	17,929	17,928	17,928
11-May-02	1,018	672	660	10	10	682	670	1,010	18,006	0	17,929	17,929	20,437	20,437
12-May-02	1,018	988	971	13	13	1,001	984	1,010	20,841	0	20,437	20,437	31,776	31,776
13-May-02	1,017	1,560	1,554	15	15	1,569	1,560	1,010	32,094	0	31,776	31,776	25,916	25,916
14-May-02	1,014	1,355	1,336	14	14	1,369	1,350	1,010	26,175	0	25,916	25,916	25,916	25,916
15-May-02	1,011	1,275	1,261	13	13	1,288	1,274	1,011	25,970	0	25,687	25,687	25,687	25,687
16-May-02	1,012	989	971	8	8	918	907	1,013	21,528	0	21,252	21,252	22,216	22,216
17-May-02	1,014	825	814	10	10	835	825	1,013	22,505	0	22,216	22,216	25,923	25,923
18-May-02	1,016	1,268	1,248	18	18	1,286	1,266	1,012	26,234	0	25,923	25,923	26,409	26,409
19-May-02	1,016	1,054	1,037	14	14	1,068	1,051	1,013	26,752	0	26,409	26,409	26,950	26,950
20-May-02	1,030	1,359	1,349	13	13	1,372	1,352	1,013	26,261	0	26,950	26,950	14,373	14,373
21-May-02	1,032	1,289	1,269	13	13	1,302	1,282	1,013	14,560	0	14,373	14,373	18,568	18,568
22-May-02	1,028	1,136	1,105	10	10	1,146	1,115	1,012	18,819	0	18,568	18,568	16,618	16,618
23-May-02	1,027	994	968	9	9	1,003	977	1,010	16,784	0	16,618	16,618	20,063	20,063
24-May-02	1,029	779	757	8	8	787	765	1,011	20,284	0	20,063	20,063	23,295	23,295
25-May-02	1,026	687	670	10	10	697	680	1,025	23,877	0	23,295	23,295	23,108	23,108
26-May-02	1,024	630	615	9	9	639	624	1,034	23,894	0	23,108	23,108	21,499	21,499
27-May-02	1,024	609	595	7	7	616	602	1,041	22,380	0	21,499	21,499	18,860	18,860
28-May-02	1,027	815	794	7	7	822	801	1,038	19,577	0	18,860	18,860	12,371	12,371
29-May-02	1,028	854	831	7	7	861	838	1,017	12,581	0	12,371	12,371	14,164	14,164
30-May-02	1,026	822	801	7	7	829	808	1,008	14,277	0	14,164	14,164	14,394	14,394
31-May-02	1,025	721	703	9	9	730	712	1,008	14,509	0	14,394	14,394	11,568	11,568
1-Jun-02	1,023	475	464	9	9	484	473	1,012	10,801	0	10,673	10,673	13,528	13,528
2-Jun-02	1,017	570	560	9	9	579	569	1,034	11,961	0	11,568	11,568	15,193	15,193
3-Jun-02	1,014	827	816	8	8	835	824	1,034	13,988	0	13,528	13,528	13,539	13,539
4-Jun-02	1,011	831	822	9	9	840	831	1,034	15,710	0	15,193	15,193	16,856	16,856
5-Jun-02	1,009	829	822	9	9	838	829	1,028	13,818	0	13,539	13,539	18,285	18,285
6-Jun-02	1,022	900	881	10	10	910	891	1,015	17,109	0	16,856	16,856	11,288	11,288
7-Jun-02	1,015	1,032	1,017	14	14	1,048	1,031	1,010	18,468	0	18,285	18,285	10,312	10,312
8-Jun-02	1,019	604	593	8	8	613	602	1,038	11,894	0	11,288	11,288	11,077	11,077
9-Jun-02	1,020	547	536	8	8	555	544	1,046	10,786	0	10,312	10,312	0	0
10-Jun-02	1,015	808	796	5	5	813	801	1,048	11,609	0	11,077	11,077	0	0
11-Jun-02	1,021	763	747	6	6	769	753	1,000	0	0	0	0	0	0
12-Jun-02	1,017	826	812	11	11	837	823	1,000	0	0	0	0	0	0
13-Jun-02	1,017	875	860	8	8	883	868	1,000	0	0	0	0	0	0
14-Jun-02	1,014	878	866	11	11	889	877	1,014	74	0	73	73	9,643	9,643
15-Jun-02	1,012	663	655	11	11	674	666	1,013	9,768	0	9,643	9,643	8,332	8,332
16-Jun-02	1,006	592	588	9	9	601	597	1,013	8,440	0	8,332	8,332	11,307	11,307
17-Jun-02	1,006	764	759	6	6	770	765	1,013	11,454	0	11,307	11,307	7,361	7,361
18-Jun-02	1,010	773	765	7	7	780	772	1,013	7,457	0	7,361	7,361	11,847	11,847
19-Jun-02	1,018	749	736	7	7	756	743	1,013	12,001	0	11,847	11,847	11,388	11,388
20-Jun-02	1,015	799	787	7	7	806	794	1,013	11,536	0	11,388	11,388	9,855	9,855
21-Jun-02	1,017	579	569	8	8	587	577	1,013	9,983	0	9,855	9,855	8,525	8,525
22-Jun-02	1,021	429	420	7	7	436	427	1,013	8,636	0	8,525	8,525	9,156	9,156
23-Jun-02	1,018	452	444	5	5	457	449	1,013	9,275	0	9,156	9,156	12,583	12,583
24-Jun-02	1,029	438	426	5	5	443	431	1,013	12,747	0	12,583	12,583		

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

New England Gas Company

DATE	AREA THREE			ALGONQUIN GATE STATIONS AREA 3			TENN GATE STATIONS			TOTAL		
	BTU VALUE	Dth WEST METERED	MCF WEST METERED	Dth BURR METERED	MCF BURR METERED	Dth TOTAL AREA THREE	MCF TOTAL AREA THREE	BTU VALUE	Dth TENN METERED	MCF AIR INJ. CRANSTON	Dth TOTAL METERED	MCF TENN METERED
25-Jun-02	1.030	440	427	8	8	448	435	1.013	12,610	0	12,448	12,448
26-Jun-02	1.029	429	417	8	8	437	425	1.013	11,560	0	11,412	11,412
27-Jun-02	1.034	426	412	8	8	434	420	1.013	11,532	0	11,384	11,384
28-Jun-02	1.029	473	460	9	9	482	469	1.013	10,166	0	10,036	10,036
29-Jun-02	1.023	461	451	8	8	469	459	1.013	8,598	0	8,586	8,586
30-Jun-02	1.018	471	463	8	8	479	471	1.014	9,286	0	9,158	9,158
1-Jul-02	1.020	457	448	6	6	463	454	1.042	16,263	0	15,607	15,607
2-Jul-02	1.027	443	431	7	7	450	438	1.009	17,129	0	16,976	16,976
3-Jul-02	1.028	421	410	6	6	427	416	1.017	17,529	0	17,236	17,236
4-Jul-02	1.025	402	392	1	1	403	393	1.018	15,685	0	15,408	15,408
5-Jul-02	1.026	446	435	7	7	442	442	1.009	16,273	0	16,128	16,128
6-Jul-02	1.025	436	425	6	6	442	431	1.038	14,510	0	13,979	13,979
7-Jul-02	1.029	474	461	7	7	481	468	1.043	15,608	0	14,965	14,965
8-Jul-02	1.021	725	710	6	6	731	716	1.023	20,207	0	19,753	19,753
9-Jul-02	1.021	790	774	7	7	797	770	1.005	19,920	0	19,821	19,821
10-Jul-02	1.021	778	762	8	8	786	770	1.007	18,720	0	18,590	18,590
11-Jul-02	1.019	746	732	9	9	755	741	1.007	18,604	0	18,475	18,475
12-Jul-02	1.028	739	720	10	10	749	730	1.015	17,237	0	16,982	16,982
13-Jul-02	1.023	503	492	8	8	511	500	1.038	15,412	0	14,848	14,848
14-Jul-02	1.013	499	483	7	7	506	500	1.035	16,873	0	16,302	16,302
15-Jul-02	1.023	774	757	7	7	781	764	1.006	20,084	0	19,964	19,964
16-Jul-02	1.025	791	772	8	8	799	780	1.009	19,629	0	19,774	19,774
17-Jul-02	1.027	826	804	8	8	834	812	1.006	19,952	0	19,512	19,512
18-Jul-02	1.028	813	791	8	8	821	799	1.008	19,085	0	18,984	18,984
19-Jul-02	1.025	744	726	8	8	752	734	1.010	18,997	0	18,809	18,809
20-Jul-02	1.026	504	491	8	8	512	499	1.010	15,201	0	15,050	15,050
21-Jul-02	1.013	487	481	8	8	495	489	1.009	16,186	0	16,042	16,042
22-Jul-02	1.030	741	719	5	5	748	724	1.008	19,953	0	19,795	19,795
23-Jul-02	1.031	771	748	8	8	779	756	1.008	20,045	0	19,886	19,886
24-Jul-02	1.028	850	827	8	8	858	835	1.008	20,885	0	20,521	20,521
25-Jul-02	1.026	844	823	8	8	852	831	1.008	20,136	0	19,976	19,976
26-Jul-02	1.014	754	744	9	9	763	753	1.007	20,790	0	20,645	20,645
27-Jul-02	1.025	476	464	9	9	485	473	1.012	17,376	0	17,170	17,170
28-Jul-02	1.017	499	491	5	5	504	496	1.034	15,989	0	15,463	15,463
29-Jul-02	1.027	763	743	4	4	767	747	1.007	21,449	0	21,300	21,300
30-Jul-02	1.031	778	755	7	7	785	762	1.008	20,754	0	20,589	20,589
31-Jul-02	1.031	704	683	5	5	709	688	1.008	21,387	0	21,217	21,217
1-Aug-02	1.029	697	677	6	6	703	683	1.009	21,553	0	21,361	21,361
2-Aug-02	1.030	737	716	7	7	744	723	1.009	20,217	0	20,037	20,037
3-Aug-02	1.028	500	486	6	6	506	492	1.022	16,133	0	15,786	15,786
4-Aug-02	1.030	469	455	5	5	474	460	1.024	14,871	0	14,327	14,327
5-Aug-02	1.030	701	681	4	4	695	685	1.008	21,503	0	21,332	21,332
6-Aug-02	1.032	776	752	6	6	782	758	1.005	18,868	0	18,774	18,774
7-Aug-02	1.030	769	747	7	7	776	754	1.006	21,668	0	21,529	21,529
8-Aug-02	1.024	806	787	6	6	812	793	1.009	20,840	0	20,517	20,517
9-Aug-02	1.021	754	738	7	7	761	745	1.009	17,741	0	17,583	17,583
10-Aug-02	1.026	496	483	6	6	502	489	1.012	12,640	0	12,480	12,480
11-Aug-02	1.023	438	428	5	5	443	433	1.024	12,674	0	12,377	12,377
12-Aug-02	1.029	466	453	5	5	471	458	1.016	16,192	0	15,937	15,937
13-Aug-02	1.028	790	768	5	5	795	773	1.009	16,046	0	15,903	15,903
14-Aug-02	1.026	770	750	5	5	775	755	1.006	18,437	0	18,327	18,327
15-Aug-02	1.027	819	797	6	6	825	803	1.008	17,550	0	17,393	17,393
16-Aug-02	1.028	712	693	6	6	718	699	1.008	15,930	0	15,804	15,804
17-Aug-02	1.024	478	467	6	6	484	473	1.008	12,961	0	12,858	12,858
18-Aug-02	1.021	448	439	5	5	453	444	1.008	13,419	0	13,313	13,313
19-Aug-02	1.026	812	791	4	4	816	795	1.007	17,635	0	17,512	17,512
20-Aug-02	1.024	896	875	6	6	902	881	1.008	18,025	0	17,882	17,882

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

Table with columns for DATE, AREA, BTU VALUE, WEST METERED, Dth WEST, MCF WEST, BURR METERED, Dth BURR, MCF BURR, ALGONQUIN GATE STATIONS (AREA 3, Dth BURR, BURR METERED, MCF BURR, Dth AREA, TOTAL AREA, MCF AREA, Dth AREA, TOTAL AREA, MCF AREA), TENN GATE STATIONS (BTU VALUE, Dth TENN, METERED, AIR INJ., MCF CRANSTON, MCF TENN, Dth TENN, METERED, MCF TENN, TOTAL MCF TENN).

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	ALGONQUIN GATE STATIONS				TENN GATE STATIONS				TOTAL	
	AREA 3		Dth		Dth		MCF		MCF	
	BTU VALUE	MCF WEST	BURR METERED	TOTAL AREA THREE	BTU VALUE	MCF AIR INJ.	CRANSTON METERED	TENN METERED	BTU VALUE	TENN METERED
17-Oct-02	1,039	1,435	12	1,447	1,008	18,934	0	18,784	18,784	18,784
18-Oct-02	1,029	1,628	14	1,642	1,016	21,202	0	20,868	20,868	20,868
19-Oct-02	1,027	1,086	14	1,100	1,013	20,310	0	20,049	20,049	20,049
20-Oct-02	1,026	1,262	15	1,277	1,013	21,464	0	21,189	21,189	21,189
21-Oct-02	1,024	1,524	16	1,540	1,015	24,236	0	23,878	23,878	23,878
22-Oct-02	1,027	1,491	17	1,508	1,019	28,451	0	27,921	27,921	27,921
23-Oct-02	1,033	1,949	20	1,969	1,023	19,880	0	19,433	19,433	19,433
24-Oct-02	1,026	1,632	19	1,651	1,022	20,853	0	20,404	20,404	20,404
25-Oct-02	1,028	1,388	18	1,406	1,017	16,326	0	16,053	16,053	16,053
26-Oct-02	1,026	1,408	18	1,426	1,016	15,789	0	15,540	15,540	15,540
27-Oct-02	1,033	1,324	15	1,339	1,019	18,189	0	17,850	17,850	17,850
28-Oct-02	1,024	1,746	17	1,763	1,018	22,364	0	21,969	21,969	21,969
29-Oct-02	1,029	1,855	20	1,875	1,018	32,164	0	31,595	31,595	31,595
30-Oct-02	1,031	2,019	21	2,040	1,019	34,978	0	34,326	34,326	34,326
31-Oct-02	1,032	1,763	21	1,784	1,020	39,703	0	38,925	38,925	38,925

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	Dth		MCF		BTU VALUE	AGT LNG B.O. METERED	MCF EXELNG VAPOR METERED	Dth	MCF		BTU VALUE	EXELNG VAPOR METERED	TOTAL MCF EXELNG VAPOR METERED	BTU VALUE	Dth	MCF	
	AGT LNG VAPOR	METERED	AGT LNG VAPOR	METERED					EXELNG VAPOR	METERED						EXELNG VAPOR	METERED
1-May-02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-May-02	0	0	1,656	859	1,632	848	0	0	0	0	0	0	0	0	0	0	0
3-May-02	0	0	512	512	505	505	0	0	0	0	0	0	0	0	0	0	0
4-May-02	0	0	265	265	262	262	0	0	0	0	0	0	0	0	0	0	0
5-May-02	0	0	358	358	352	352	0	0	0	0	0	0	0	0	0	0	0
6-May-02	0	0	891	891	880	880	0	0	0	0	0	0	0	0	0	0	0
7-May-02	0	0	1,287	1,287	1,270	1,270	0	0	0	0	0	0	0	0	0	0	0
8-May-02	0	0	648	648	639	639	0	0	0	0	0	0	0	0	0	0	0
9-May-02	0	0	1,287	1,287	1,268	1,268	0	0	0	0	0	0	0	0	0	0	0
10-May-02	0	0	890	890	878	878	0	0	0	0	0	0	0	0	0	0	0
11-May-02	0	0	544	544	537	537	0	0	0	0	0	0	0	0	0	0	0
12-May-02	0	0	1,344	1,344	1,325	1,325	0	0	0	0	0	0	0	0	0	0	0
13-May-02	0	0	1,480	1,480	1,460	1,460	0	0	0	0	0	0	0	0	0	0	0
14-May-02	0	0	1,103	1,103	1,088	1,088	0	0	0	0	0	0	0	0	0	0	0
15-May-02	0	0	1,028	1,028	1,013	1,013	0	0	0	0	0	0	0	0	0	0	0
16-May-02	0	0	1,457	1,457	1,437	1,437	0	0	0	0	0	0	0	0	0	0	0
17-May-02	0	0	1,379	1,379	1,359	1,359	0	0	0	0	0	0	0	0	0	0	0
18-May-02	0	0	974	974	960	960	0	0	0	0	0	0	0	0	0	0	0
19-May-02	0	0	590	590	523	523	0	0	0	0	0	0	0	0	0	0	0
20-May-02	0	0	678	678	669	669	0	0	0	0	0	0	0	0	0	0	0
21-May-02	0	0	554	554	545	545	0	0	0	0	0	0	0	0	0	0	0
22-May-02	0	0	574	574	565	565	0	0	0	0	0	0	0	0	0	0	0
23-May-02	0	0	1,291	1,291	1,269	1,269	0	0	0	0	0	0	0	0	0	0	0
24-May-02	0	0	1,322	1,322	1,304	1,304	0	0	0	0	0	0	0	0	0	0	0
25-May-02	0	0	491	491	485	485	0	0	0	0	0	0	0	0	0	0	0
26-May-02	0	0	692	692	682	682	0	0	0	0	0	0	0	0	0	0	0
27-May-02	0	0	799	799	786	786	0	0	0	0	0	0	0	0	0	0	0
28-May-02	0	0	828	828	816	816	0	0	0	0	0	0	0	0	0	0	0
29-May-02	0	0	1,093	1,093	1,075	1,075	0	0	0	0	0	0	0	0	0	0	0
30-May-02	0	0	1,449	1,449	1,425	1,425	0	0	0	0	0	0	0	0	0	0	0
31-May-02	0	0	1,834	1,834	1,803	1,803	0	0	0	0	0	0	0	0	0	0	0
1-Jun-02	0	0	1,744	1,744	1,718	1,718	0	0	0	0	0	0	0	0	0	0	0
2-Jun-02	0	0	913	913	901	901	0	0	0	0	0	0	0	0	0	0	0
3-Jun-02	0	0	412	412	406	406	0	0	0	0	0	0	0	0	0	0	0
4-Jun-02	0	0	554	554	543	543	0	0	0	0	0	0	0	0	0	0	0
5-Jun-02	0	0	1,066	1,066	1,062	1,062	0	0	0	0	0	0	0	0	0	0	0
6-Jun-02	0	0	753	753	742	742	0	0	0	0	0	0	0	0	0	0	0
7-Jun-02	0	0	386	386	330	330	0	0	0	0	0	0	0	0	0	0	0
8-Jun-02	0	0	623	623	614	614	0	0	0	0	0	0	0	0	0	0	0
9-Jun-02	0	0	1,199	1,199	1,182	1,182	0	0	0	0	0	0	0	0	0	0	0
10-Jun-02	0	0	981	981	968	968	0	0	0	0	0	0	0	0	0	0	0
11-Jun-02	0	0	1,507	1,507	1,485	1,485	0	0	0	0	0	0	0	0	0	0	0
12-Jun-02	0	0	1,206	1,206	1,191	1,191	0	0	0	0	0	0	0	0	0	0	0
13-Jun-02	0	0	943	943	929	929	0	0	0	0	0	0	0	0	0	0	0
14-Jun-02	0	0	1,157	1,157	1,142	1,142	0	0	0	0	0	0	0	0	0	0	0
15-Jun-02	0	0	1,177	1,177	1,161	1,161	0	0	0	0	0	0	0	0	0	0	0
16-Jun-02	0	0	939	939	927	927	0	0	0	0	0	0	0	0	0	0	0
17-Jun-02	0	0	598	598	588	588	0	0	0	0	0	0	0	0	0	0	0
18-Jun-02	0	0	240	240	237	237	0	0	0	0	0	0	0	0	0	0	0
19-Jun-02	0	0	270	270	266	266	0	0	0	0	0	0	0	0	0	0	0
20-Jun-02	0	0	289	289	285	285	0	0	0	0	0	0	0	0	0	0	0
21-Jun-02	0	0	763	763	752	752	0	0	0	0	0	0	0	0	0	0	0
22-Jun-02	0	0	975	975	962	962	0	0	0	0	0	0	0	0	0	0	0
23-Jun-02	0	0	1,546	1,546	1,525	1,525	0	0	0	0	0	0	0	0	0	0	0
24-Jun-02	0	0	1,322	1,322	1,304	1,304	0	0	0	0	0	0	0	0	0	0	0

**Rhode Island Weighted Average BTU Content
May 2002 through October 2002**

DATE	Dth AGT LNG		MCF AGT LNG		BTU VALUE	Dth EXE LNG		MCF EXE LNG		BTU VALUE	Dth EXE LNG		MCF EXE LNG			
	VAPOR	METERED	VAPOR	METERED		METERED	METERED	B.O.	AGT LNG		B.O.	METERED	METERED	METERED	B.O.	METERED
21-Aug-02	0	0	0	0	1,013	468	462	0	0	0	0	0	0	1,010	77	76
22-Aug-02	0	0	0	0	1,015	1,171	1,154	0	0	0	0	0	0	1,001	100	100
23-Aug-02	0	0	0	0	1,013	1,083	1,069	0	0	0	0	0	0	1,008	102	101
24-Aug-02	0	0	0	0	1,014	1,359	1,340	0	0	0	0	0	0	1,008	102	101
25-Aug-02	0	0	0	0	1,014	944	931	0	0	0	0	0	0	1,008	102	101
26-Aug-02	0	0	0	0	1,015	1,320	1,300	0	0	0	0	0	0	1,008	102	101
27-Aug-02	0	0	0	0	1,013	380	375	0	0	0	0	0	0	1,011	77	76
28-Aug-02	0	0	0	0	1,015	401	395	0	0	0	0	0	0	1,008	83	82
29-Aug-02	0	0	0	0	1,014	924	911	0	0	0	0	0	0	1,008	101	100
30-Aug-02	0	0	0	0	1,015	603	594	0	0	0	0	0	0	1,014	89	88
31-Aug-02	0	0	0	0	1,015	346	340	0	0	0	0	0	0	1,014	89	88
1-Sep-02	0	0	0	0	1,014	1,006	992	0	0	0	0	0	0	1,010	89	88
2-Sep-02	0	0	0	0	1,014	1,605	1,583	0	0	0	0	0	0	1,010	88	87
3-Sep-02	0	0	0	0	1,014	1,432	1,412	0	0	0	0	0	0	1,011	161	159
4-Sep-02	0	0	0	0	1,014	1,307	1,289	0	0	0	0	0	0	1,011	194	192
5-Sep-02	0	0	0	0	1,015	834	822	0	0	0	0	0	0	1,010	161	159
6-Sep-02	0	0	0	0	1,015	1,063	1,037	0	0	0	0	0	0	1,010	117	116
7-Sep-02	0	0	0	0	1,015	561	553	0	0	0	0	0	0	1,010	117	116
8-Sep-02	0	0	0	0	1,013	950	938	0	0	0	0	0	0	1,010	117	116
9-Sep-02	0	0	0	0	1,017	1,716	1,687	0	0	0	0	0	0	1,021	232	227
10-Sep-02	0	0	0	0	1,014	2,188	2,158	0	0	0	0	0	0	1,021	260	255
11-Sep-02	0	0	0	0	1,014	1,748	1,724	0	0	0	0	0	0	1,021	293	287
12-Sep-02	0	0	0	0	1,013	821	810	0	0	0	0	0	0	1,021	215	211
13-Sep-02	0	0	0	0	1,016	684	683	0	0	0	0	0	0	1,016	111	109
14-Sep-02	0	0	0	0	1,012	488	482	0	0	0	0	0	0	1,016	111	109
15-Sep-02	0	0	0	0	1,015	1,011	995	0	0	0	0	0	0	1,016	111	109
16-Sep-02	0	0	0	0	1,014	1,396	1,377	0	0	0	0	0	0	1,009	169	167
17-Sep-02	0	0	0	0	1,014	1,453	1,433	0	0	0	0	0	0	1,011	173	171
18-Sep-02	0	0	0	0	1,015	1,128	1,111	0	0	0	0	0	0	1,010	175	173
19-Sep-02	0	0	0	0	1,016	1,209	1,190	0	0	0	0	0	0	1,008	221	220
20-Sep-02	0	0	0	0	1,014	1,692	1,669	0	0	0	0	0	0	1,010	172	170
21-Sep-02	0	0	0	0	1,014	974	961	0	0	0	0	0	0	1,010	172	170
22-Sep-02	0	0	0	0	1,014	1,020	1,006	0	0	0	0	0	0	1,010	172	170
23-Sep-02	0	0	0	0	1,015	1,316	1,297	0	0	0	0	0	0	1,007	175	174
24-Sep-02	0	0	0	0	1,014	929	916	0	0	0	0	0	0	1,012	174	172
25-Sep-02	0	0	0	0	1,017	1,128	1,109	0	0	0	0	0	0	1,012	203	201
26-Sep-02	0	0	0	0	1,015	1,605	1,581	0	0	0	0	0	0	1,012	242	239
27-Sep-02	0	0	0	0	1,022	2,272	2,223	0	0	0	0	0	0	1,013	198	195
28-Sep-02	0	0	0	0	1,014	840	829	0	0	0	0	0	0	1,013	188	185
29-Sep-02	0	0	0	0	1,014	588	580	0	0	0	0	0	0	1,013	188	185
30-Sep-02	0	0	0	0	1,015	1,546	1,522	0	0	0	0	0	0	1,012	162	150
1-Oct-02	0	0	0	0	1,014	1,807	1,782	0	0	0	0	0	0	1,018	213	209
2-Oct-02	0	0	0	0	1,014	2,185	2,155	0	0	0	0	0	0	1,015	217	214
3-Oct-02	0	0	0	0	1,014	1,382	1,363	0	0	0	0	0	0	1,017	214	210
4-Oct-02	0	0	0	0	1,015	2,037	2,007	0	0	0	0	0	0	1,008	130	129
5-Oct-02	0	0	0	0	1,014	1,175	1,159	0	0	0	0	0	0	1,008	130	129
6-Oct-02	0	0	0	0	1,015	1,047	1,032	0	0	0	0	0	0	1,008	129	128
7-Oct-02	0	0	0	0	1,015	1,772	1,746	0	0	0	0	0	0	1,012	173	171
8-Oct-02	0	0	0	0	1,015	1,115	1,099	0	0	0	0	0	0	1,010	180	178
9-Oct-02	0	0	0	0	1,015	1,170	1,153	0	0	0	0	0	0	1,011	219	217
10-Oct-02	0	0	0	0	1,014	1,383	1,364	0	0	0	0	0	0	1,011	219	217
11-Oct-02	0	0	0	0	1,014	1,689	1,676	0	0	0	0	0	0	1,011	173	171
12-Oct-02	0	0	0	0	1,014	1,421	1,401	0	0	0	0	0	0	1,011	173	171
13-Oct-02	0	0	0	0	1,016	1,502	1,478	0	0	0	0	0	0	1,011	173	171
14-Oct-02	0	0	0	0	1,014	1,065	1,050	0	0	0	0	0	0	1,015	175	172
15-Oct-02	0	0	0	0	1,016	1,914	1,884	0	0	0	0	0	0	1,012	281	288
16-Oct-02	0	0	0	0	1,014	2,935	2,894	0	0	0	0	0	0	1,012	359	355

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	BTU VALUE		Dth AGT LING		MCF AGT LING		BTU VALUE		Dth VAPOR		MCF AIR INJECTION		MCF EXE LING		TOTAL MCF EXE LING		BTU VALUE		Dth EXE LING		MCF EXE LING		
	VALUE	METERED	AGT LING	METERED	AGT LING	B.O.	AGT LING	B.O.	EXE LING	METERED	EXE LING	METERED	EXE LING	METERED	EXE LING	METERED	EXE LING	VALUE	METERED	EXE LING	METERED	EXE LING	B.O.
17-Oct-02	0.000	0	1,823	1,796	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,015	277	277	1,015	273	151
18-Oct-02	0.000	0	1,059	1,044	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,007	152	152	1,007	151	151
19-Oct-02	0.000	0	1,418	1,398	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,007	152	152	1,007	151	151
20-Oct-02	0.000	0	1,120	1,105	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,014	235	235	1,014	232	232
21-Oct-02	0.000	0	1,165	1,146	0.000	0	1,113	412	0	0	0	0	0	0	0	0	0	1,012	176	176	1,012	174	174
22-Oct-02	0.000	0	1,012	998	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,011	147	147	1,011	145	145
23-Oct-02	0.000	0	1,098	1,043	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,012	129	129	1,012	127	127
24-Oct-02	0.000	0	1,109	1,083	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,012	200	200	1,012	198	198
25-Oct-02	0.000	0	1,055	1,041	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,012	200	200	1,012	198	198
26-Oct-02	0.000	0	488	452	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,010	200	200	1,010	198	198
27-Oct-02	0.000	0	662	651	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,010	104	104	1,010	103	103
28-Oct-02	0.000	0	1,097	1,082	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,008	111	111	1,008	110	110
29-Oct-02	0.000	0	958	945	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	1,012	109	109	1,012	108	108
30-Oct-02	0.000	0	689	680	0.000	0	1,117	335	0	0	0	0	0	0	0	0	0	1,013	132	132	1,013	130	130
31-Oct-02	0.000	0	221	217	0.000	0	0.000	0	0	0	0	0	0	0	0	0	0	300	300	300	300	300	300

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

Peter Czekanski
Attachment PCC-4
Docket No. 3436
February 14, 2003

DATE	Dth		MCF		BTU VALUE	Dth		MCF		BTU VALUE	PAWT Dth	MCF	BTU VALUE
	PORTS LNG VAPOR METERED	PORTS LNG VAPOR METERED	WEST LNG VAPOR METERED	WEST LNG VAPOR METERED		BTU VALUE	PORTS LNG VAPOR METERED	PORTS LNG VAPOR METERED	WEST LNG VAPOR METERED				
1-May-02	0	0	0	0	0.000	1,911	1,851	1,032	0	0.000	11,597	11,236	1,032
2-May-02	0	0	0	0	0.000	2,439	2,374	1,027	0	0.000	13,413	13,139	1,021
3-May-02	0	0	0	0	0.000	2,134	2,081	1,025	0	0.000	11,805	11,558	1,021
4-May-02	0	0	0	0	0.000	1,375	1,345	1,022	0	0.000	8,118	7,808	1,040
5-May-02	0	0	0	0	0.000	1,478	1,429	1,034	0	0.000	6,052	5,782	1,047
6-May-02	0	0	0	0	0.000	1,418	1,374	1,032	0	0.000	5,695	5,477	1,040
7-May-02	0	0	0	0	0.000	1,275	1,241	1,027	0	0.000	5,383	5,210	1,035
8-May-02	0	0	0	0	0.000	1,428	1,393	1,025	0	0.000	5,728	5,653	1,013
9-May-02	0	0	0	0	0.000	1,596	1,547	1,025	0	0.000	4,243	4,206	1,009
10-May-02	0	0	0	0	0.000	1,170	1,146	1,021	0	0.000	3,748	3,717	1,008
11-May-02	0	0	0	0	0.000	1,108	1,080	1,026	0	0.000	5,237	5,120	1,023
12-May-02	0	0	0	0	0.000	1,837	1,770	1,038	0	0.000	6,345	6,098	1,041
13-May-02	0	0	0	0	0.000	2,658	2,582	1,029	0	0.000	7,192	7,034	1,022
14-May-02	0	0	0	0	0.000	2,087	2,040	1,023	0	0.000	7,890	7,812	1,010
15-May-02	0	0	0	0	0.000	1,887	1,837	1,027	0	0.000	4,494	4,438	1,013
16-May-02	0	0	0	0	0.000	1,166	1,126	1,027	0	0.000	4,754	4,691	1,013
17-May-02	583	540	0	0	0.000	1,211	1,178	1,028	0	0.000	5,534	5,545	1,034
18-May-02	0	0	0	0	0.000	2,531	2,464	1,027	0	0.000	9,582	9,398	1,020
19-May-02	0	0	0	0	0.000	1,811	1,751	1,034	0	0.000	6,841	6,684	1,027
20-May-02	0	0	0	0	0.000	2,138	2,077	1,029	0	0.000	9,115	8,845	1,031
21-May-02	0	0	0	0	0.000	1,740	1,685	1,033	0	0.000	7,002	6,779	1,033
22-May-02	0	0	0	0	0.000	1,404	1,365	1,029	0	0.000	4,996	4,907	1,018
23-May-02	0	0	0	0	0.000	1,267	1,238	1,023	0	0.000	3,747	3,698	1,013
24-May-02	0	0	0	0	0.000	1,001	972	1,030	0	0.000	2,885	2,802	1,030
25-May-02	0	0	0	0	0.000	1,073	1,035	1,037	0	0.000	4,932	4,723	1,044
26-May-02	0	0	0	0	0.000	953	914	1,043	0	0.000	4,745	4,489	1,057
27-May-02	0	0	0	0	0.000	987	952	1,037	0	0.000	5,823	5,419	1,075
28-May-02	0	0	0	0	0.000	1,113	1,060	1,050	0	0.000	4,140	3,960	1,045
29-May-02	0	0	0	0	0.000	1,099	1,065	1,032	0	0.000	4,073	3,933	1,036
30-May-02	0	0	0	0	0.000	1,102	1,073	1,027	0	0.000	4,062	3,938	1,031
31-May-02	0	0	0	0	0.000	963	937	1,028	0	0.000	3,631	3,516	1,033
1-Jun-02	0	0	0	0	0.000	798	776	1,028	0	0.000	3,171	3,045	1,041
2-Jun-02	0	0	0	0	0.000	958	921	1,040	0	0.000	4,205	4,024	1,045
3-Jun-02	0	0	0	0	0.000	1,149	1,107	1,038	0	0.000	3,683	3,525	1,045
4-Jun-02	0	0	0	0	0.000	1,047	1,003	1,044	0	0.000	4,119	3,838	1,046
5-Jun-02	0	0	0	0	0.000	1,009	965	1,048	0	0.000	4,004	3,822	1,048
6-Jun-02	0	0	0	0	0.000	681	650	1,048	0	0.000	6,086	5,780	1,053
7-Jun-02	0	0	0	0	0.000	681	650	1,048	0	0.000	7,454	7,095	1,051
8-Jun-02	0	0	0	0	0.000	681	650	1,048	0	0.000	587	560	1,048
9-Jun-02	0	0	0	0	0.000	1,047	1,003	1,044	0	0.000	650	621	1,047
10-Jun-02	0	0	0	0	0.000	1,080	1,034	1,044	0	0.000	6,234	5,961	1,046
11-Jun-02	0	0	0	0	0.000	1,067	1,026	1,040	0	0.000	12,614	12,190	1,035
12-Jun-02	0	0	0	0	0.000	1,266	1,210	1,046	0	0.000	14,421	13,903	1,037
13-Jun-02	0	0	0	0	0.000	1,202	1,143	1,052	0	0.000	13,352	12,730	1,049
14-Jun-02	0	0	0	0	0.000	1,175	1,114	1,055	0	0.000	12,831	12,171	1,054
15-Jun-02	0	0	0	0	0.000	1,194	1,143	1,045	0	0.000	12,920	11,959	1,080
16-Jun-02	0	0	0	0	0.000	1,036	987	1,050	0	0.000	11,645	10,688	1,090
17-Jun-02	0	0	0	0	0.000	1,042	989	1,054	0	0.000	7,791	7,289	1,089
18-Jun-02	0	0	0	0	0.000	1,076	1,035	1,040	0	0.000	3,672	3,498	1,050
19-Jun-02	323	308	0	0	0.000	1,093	1,053	1,038	0	0.000	3,251	3,104	1,047
20-Jun-02	0	0	0	0	0.000	1,065	1,025	1,039	0	0.000	3,118	2,991	1,042
21-Jun-02	0	0	0	0	0.000	995	960	1,036	0	0.000	2,773	2,656	1,044
22-Jun-02	0	0	0	0	0.000	1,072	1,031	1,040	0	0.000	2,863	2,739	1,045
23-Jun-02	0	0	0	0	0.000	849	817	1,039	0	0.000	4,143	3,952	1,048
24-Jun-02	0	0	0	0	0.000	978	950	1,029	0	0.000	6,536	6,245	1,047

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	Dth		MCF		BTU VALUE	Dth		MCF		BTU VALUE	PAW Dth	MCF	BTU VALUE			
	BTU VALUE	VAPOR METERED	PORTS LNG VAPOR METERED	WEST LNG VAPOR METERED		BTU VALUE	VAPOR METERED	WEST LNG VAPOR METERED	BTU VALUE					BW PROV Dth	MCF	FACTOR
21-Aug-02	0.000	0	0	0	0.000	0	0	1,039	1,007	1,032	0	0	0.000	11,824	11,585	1,021
22-Aug-02	0.000	0	0	0	0.000	0	0	983	961	1,033	0	0	0.000	13,988	13,566	1,027
23-Aug-02	0.000	0	0	0	0.000	0	0	1,300	1,242	1,047	0	0	0.000	9,944	9,687	1,027
24-Aug-02	0.000	0	0	0	0.000	0	0	781	751	1,040	0	0	0.000	7,679	7,369	1,042
25-Aug-02	0.000	0	0	0	0.000	0	0	776	750	1,035	0	0	0.000	9,327	8,923	1,045
26-Aug-02	0.000	0	0	0	0.000	0	0	1,008	965	1,043	0	0	0.000	11,756	11,173	1,052
27-Aug-02	0.000	0	0	0	0.000	0	0	994	954	1,042	0	0	0.000	10,652	10,200	1,044
28-Aug-02	0.000	0	0	0	0.000	0	0	1,001	959	1,041	0	0	0.000	11,602	10,200	1,047
29-Aug-02	0.000	0	0	0	0.000	0	0	980	952	1,032	0	0	0.000	11,827	11,253	1,051
30-Aug-02	0.000	0	0	0	0.000	0	0	816	785	1,039	0	0	0.000	9,646	9,216	1,047
31-Aug-02	0.000	0	0	0	0.000	0	0	746	717	1,040	0	0	0.000	8,224	7,845	1,048
1-Sep-02	0.000	0	0	0	0.000	0	0	684	657	1,041	0	0	0.000	7,639	7,286	1,048
2-Sep-02	0.000	0	0	0	0.000	0	0	803	772	1,040	0	0	0.000	9,644	9,169	1,052
3-Sep-02	0.000	0	0	0	0.000	0	0	925	896	1,032	0	0	0.000	11,670	11,102	1,051
4-Sep-02	0.000	0	0	0	0.000	0	0	1,017	981	1,037	0	0	0.000	11,804	11,224	1,052
5-Sep-02	0.000	0	0	0	0.000	0	0	1,081	1,044	1,035	0	0	0.000	12,267	11,797	1,040
6-Sep-02	0.000	0	0	0	0.000	0	0	1,001	974	1,028	0	0	0.000	10,704	10,259	1,043
7-Sep-02	0.000	0	0	0	0.000	0	0	823	793	1,038	0	0	0.000	8,107	7,739	1,048
8-Sep-02	0.000	0	0	0	0.000	0	0	836	808	1,035	0	0	0.000	9,036	8,682	1,041
9-Sep-02	0.000	0	0	0	0.000	0	0	1,001	970	1,032	0	0	0.000	11,004	10,558	1,042
10-Sep-02	0.000	0	0	0	0.000	0	0	997	969	1,029	0	0	0.000	11,577	11,195	1,034
11-Sep-02	0.000	0	0	0	0.000	0	0	1,062	1,034	1,027	0	0	0.000	12,368	12,158	1,019
12-Sep-02	0.000	0	0	0	0.000	0	0	1,078	1,053	1,024	0	0	0.000	12,717	12,428	1,023
13-Sep-02	0.000	0	0	0	0.000	0	0	966	947	1,020	0	0	0.000	10,569	10,264	1,029
14-Sep-02	0.000	0	0	0	0.000	0	0	810	790	1,025	0	0	0.000	10,254	9,816	1,045
15-Sep-02	0.000	0	0	0	0.000	0	0	775	754	1,028	0	0	0.000	16,347	15,658	1,044
16-Sep-02	0.000	0	0	0	0.000	0	0	897	867	1,035	0	0	0.000	17,251	16,752	1,040
17-Sep-02	0.000	0	0	0	0.000	0	0	951	918	1,036	0	0	0.000	12,349	11,824	1,036
18-Sep-02	0.000	0	0	0	0.000	0	0	1,014	981	1,034	0	0	0.000	12,122	11,808	1,027
19-Sep-02	0.000	0	0	0	0.000	0	0	1,041	1,003	1,038	0	0	0.000	10,247	10,017	1,023
20-Sep-02	0.000	0	0	0	0.000	0	0	969	943	1,028	0	0	0.000	8,338	7,958	1,048
21-Sep-02	0.000	0	0	0	0.000	0	0	782	750	1,043	0	0	0.000	14,528	13,944	1,042
22-Sep-02	0.000	0	0	0	0.000	0	0	785	751	1,045	0	0	0.000	9,467	8,995	1,052
23-Sep-02	0.000	0	0	0	0.000	0	0	980	936	1,047	0	0	0.000	12,334	11,826	1,043
24-Sep-02	0.000	0	0	0	0.000	0	0	1,013	967	1,048	0	0	0.000	12,157	11,615	1,047
25-Sep-02	0.000	0	0	0	0.000	0	0	981	938	1,046	0	0	0.000	11,523	11,021	1,046
26-Sep-02	0.000	0	0	0	0.000	0	0	1,096	1,055	1,039	0	0	0.000	14,979	14,348	1,044
27-Sep-02	0.000	0	0	0	0.000	0	0	918	886	1,036	0	0	0.000	15,944	15,307	1,042
28-Sep-02	0.000	0	0	0	0.000	0	0	928	894	1,038	0	0	0.000	11,474	10,964	1,047
29-Sep-02	0.000	0	0	0	0.000	0	0	1,010	977	1,034	0	0	0.000	15,056	14,376	1,047
30-Sep-02	0.000	0	0	0	0.000	0	0	1,112	1,085	1,025	0	0	0.000	11,975	11,457	1,045
1-Oct-02	0.000	0	0	0	0.000	0	0	1,052	1,022	1,029	0	0	0.000	9,789	9,370	1,045
2-Oct-02	0.000	0	0	0	0.000	0	0	995	955	1,042	0	0	0.000	8,522	8,149	1,025
3-Oct-02	0.000	0	0	0	0.000	0	0	1,115	1,078	1,034	0	0	0.000	11,613	11,103	1,046
4-Oct-02	0.000	0	0	0	0.000	0	0	1,032	1,003	1,029	0	0	0.000	17,584	16,790	1,047
5-Oct-02	0.000	0	0	0	0.000	0	0	844	815	1,036	0	0	0.000	16,041	15,338	1,046
6-Oct-02	0.000	0	0	0	0.000	0	0	1,030	989	1,041	0	0	0.000	17,637	17,049	1,034
7-Oct-02	0.000	0	0	0	0.000	0	0	1,205	1,154	1,044	0	0	0.000	12,088	11,791	1,025
8-Oct-02	0.000	0	0	0	0.000	0	0	1,502	1,449	1,037	0	0	0.000	8,668	8,368	1,036
9-Oct-02	0.000	0	0	0	0.000	0	0	1,568	1,527	1,027	0	0	0.000	7,143	6,851	1,043
10-Oct-02	0.000	0	0	0	0.000	0	0	1,362	1,328	1,026	0	0	0.000	11,995	11,435	1,049
11-Oct-02	0.000	0	0	0	0.000	0	0	1,210	1,179	1,026	0	0	0.000	18,422	17,960	1,026
12-Oct-02	0.000	0	0	0	0.000	0	0	1,095	1,068	1,025	0	0	0.000	19,395	18,951	1,007
13-Oct-02	0.000	0	0	0	0.000	0	0	2,122	2,051	1,025	0	0	0.000	14,937	14,751	1,013
14-Oct-02	0.000	0	0	0	0.000	0	0	2,102	2,051	1,025	0	0	0.000			
15-Oct-02	0.000	0	0	0	0.000	0	0	2,159	2,105	1,026	0	0	0.000			
16-Oct-02	0.000	0	0	0	0.000	0	0	1,905	1,864	1,022	0	0	0.000			

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	BTU VALUE	Dth		MCF	BTU VALUE	Dth		MCF	BTU VALUE	MCF	FACTOR	BW PROV Dth	MCF	FACTOR	PAWT Dth	MCF	BTU VALUE
		PORTS LNG VAPOR METERED	WEST LNG VAPOR METERED			PORTS LNG VAPOR METERED	WEST LNG VAPOR METERED										
17-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	16,871	16,589	1,017
18-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	20,502	20,235	1,013
19-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	15,733	15,323	1,027
20-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	19,011	18,584	1,023
21-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	22,881	22,562	1,014
22-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	21,366	20,941	1,020
23-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	25,283	24,704	1,023
24-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	20,215	19,779	1,022
25-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	16,914	16,616	1,018
26-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	16,492	16,223	1,017
27-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	15,912	15,619	1,019
28-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	21,157	20,755	1,019
29-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	23,289	22,843	1,020
30-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	27,072	26,550	1,020
31-Oct-02	0.000	0	0	0.000	0	0	0	0	0.000	0	0.000	0	0	0.000	19,753	19,337	1,022

**Rhode Island Weighted Average BTU Content
May 2002 through October 2002**

DATE	LINCOLN Dth	MCF	BTU VALUE	AGT#63 Dth	MCF	BTU VALUE	TIDEWTR Dth	MCF	BTU VALUE	LNG Dth	MCF	BTU VALUE
1-May-02	9,715	9,509	1,022		0	0.000		0	0.000		77	1,000
2-May-02	10,268	10,076	1,019		0	0.000		0	0.000		131	1,000
3-May-02	9,837	9,657	1,019		0	0.000		0	0.000		42	1,000
4-May-02	5,644	5,754	1,016		0	0.000		0	0.000		54	1,000
5-May-02	8,386	8,274	1,014		0	0.000		0	0.000		83	1,000
6-May-02	8,639	8,699	1,016		0	0.000		0	0.000		110	1,000
7-May-02	8,640	8,540	1,012		0	0.000		0	0.000		116	1,000
8-May-02	9,237	9,117	1,013		0	0.000		0	0.000		61	1,000
9-May-02	9,966	9,893	1,007		0	0.000		0	0.000		127	1,000
10-May-02	8,755	8,677	1,009		0	0.000		0	0.000		66	1,000
11-May-02	6,232	6,172	1,010		0	0.000		0	0.000		74	1,000
12-May-02	10,535	10,426	1,010		0	0.000		0	0.000		147	1,000
13-May-02	11,889	11,766	1,010		0	0.000		0	0.000		156	1,000
14-May-02	13,013	12,878	1,010		0	0.000		0	0.000		85	1,000
15-May-02	15,376	15,190	1,012		0	0.000		0	0.000		40	1,000
16-May-02	8,731	8,612	1,014		0	0.000		0	0.000		108	1,000
17-May-02	7,208	7,117	1,013		0	0.000		0	0.000		69	1,000
18-May-02	11,152	11,019	1,012		0	0.000		0	0.000		99	1,000
19-May-02	8,785	8,670	1,013		0	0.000		0	0.000		63	1,000
20-May-02	12,372	12,225	1,012		0	0.000		0	0.000		82	1,000
21-May-02	12,382	12,227	1,013		0	0.000		0	0.000		78	1,000
22-May-02	11,516	11,383	1,012		0	0.000		0	0.000		83	1,000
23-May-02	10,437	10,333	1,010		0	0.000		0	0.000		134	1,000
24-May-02	8,568	8,465	1,011		0	0.000		0	0.000		92	1,000
25-May-02	6,353	6,178	1,028		0	0.000		0	0.000		67	1,000
26-May-02	5,378	5,171	1,040		0	0.000		0	0.000		86	1,000
27-May-02	5,330	5,112	1,043		0	0.000		0	0.000		98	1,000
28-May-02	9,732	9,350	1,041		0	0.000		0	0.000		87	1,000
29-May-02	8,957	8,523	1,017		0	0.000		0	0.000		116	1,000
30-May-02	8,261	8,191	1,009		0	0.000		0	0.000		120	1,000
31-May-02	6,963	6,910	1,008		0	0.000		0	0.000		141	1,000
1-Jun-02	5,349	5,276	1,014		0	0.000		0	0.000		108	1,000
2-Jun-02	6,927	6,693	1,036		0	0.000		0	0.000		68	1,000
3-Jun-02	10,052	9,717	1,034		0	0.000		0	0.000		43	1,000
4-Jun-02	8,750	8,461	1,034		0	0.000		0	0.000		93	1,000
5-Jun-02	8,956	8,418	1,028		0	0.000		0	0.000		122	1,000
6-Jun-02	7,445	7,332	1,015		0	0.000		0	0.000		83	1,000
7-Jun-02	7,462	7,387	1,010		0	0.000		0	0.000		55	1,000
8-Jun-02	9,596	9,263	1,036		0	0.000		0	0.000		103	1,000
9-Jun-02	9,865	9,427	1,046		0	0.000		0	0.000		112	1,000
10-Jun-02	6,902	6,288	1,050		0	0.000		0	0.000		98	1,000
11-Jun-02	130	128	1,016		0	0.000		0	0.000		122	1,000
12-Jun-02	0	0	0		0	0.000		0	0.000		92	1,000
13-Jun-02	0	0	0		0	0.000		0	0.000		84	1,000
14-Jun-02	0	0	0		0	0.000		0	0.000		114	1,000
15-Jun-02	0	0	0		0	0.000		0	0.000		92	1,000
16-Jun-02	214	212	1,009		0	0.000		0	0.000		90	1,000
17-Jun-02	4,778	4,717	1,013		0	0.000		0	0.000		66	1,000
18-Jun-02	8,560	8,450	1,013		0	0.000		0	0.000		62	1,000
19-Jun-02	9,205	8,098	1,013		0	0.000		0	0.000		61	1,000
20-Jun-02	8,958	8,823	1,013		0	0.000		0	0.000		90	1,000
21-Jun-02	7,576	7,479	1,013		0	0.000		0	0.000		109	1,000
22-Jun-02	5,371	5,302	1,013		0	0.000		0	0.000		110	1,000
23-Jun-02	5,400	5,330	1,013		0	0.000		0	0.000		127	1,000
24-Jun-02	9,630	9,704	1,013		0	0.000		0	0.000		95	1,000

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	LINCOLN Dth	MCF	BTU VALUE	AGT#83 Dth	MCF	BTU VALUE	TIDEWTR Dth	MCF	BTU VALUE	LNG Dth	MCF	BTU VALUE
25-Jun-02	9,117	9,000	1,013	0	0	0,000	0	0	0,000	97	97	1,000
26-Jun-02	9,988	9,860	1,013	0	0	0,000	0	0	0,000	131	131	1,000
27-Jun-02	11,783	11,632	1,013	0	0	0,000	0	0	0,000	109	109	1,000
28-Jun-02	7,231	7,139	1,013	0	0	0,000	0	0	0,000	78	78	1,000
29-Jun-02	6,457	6,374	1,013	0	0	0,000	0	0	0,000	58	58	1,000
30-Jun-02	6,785	6,683	1,015	0	0	0,000	0	0	0,000	102	102	1,000
1-Jul-02	1,589	1,517	1,047	0	0	0,000	0	0	0,000	112	112	1,000
2-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	120	120	1,000
3-Jul-02	2,947	2,898	1,017	0	0	0,000	0	0	0,000	100	100	1,000
4-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	107	107	1,000
5-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	75	75	1,000
6-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	96	96	1,000
7-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	76	76	1,000
8-Jul-02	1,762	1,695	1,040	0	0	0,000	0	0	0,000	110	110	1,000
9-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	111	111	1,000
10-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	83	83	1,000
11-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	77	77	1,000
12-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	100	100	1,000
13-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	91	91	1,000
14-Jul-02	14	14	1,000	0	0	0,000	0	0	0,000	107	107	1,000
15-Jul-02	5,130	5,100	1,006	0	0	0,000	0	0	0,000	108	108	1,000
16-Jul-02	5,775	5,726	1,009	0	0	0,000	0	0	0,000	83	83	1,000
17-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	104	104	1,000
18-Jul-02	6,835	6,782	1,008	0	0	0,000	0	0	0,000	102	102	1,000
19-Jul-02	2,871	2,845	1,009	0	0	0,000	0	0	0,000	91	91	1,000
20-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	70	70	1,000
21-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	89	89	1,000
22-Jul-02	3,340	3,315	1,008	0	0	0,000	0	0	0,000	115	115	1,000
23-Jul-02	2,983	2,955	1,009	0	0	0,000	0	0	0,000	81	81	1,000
24-Jul-02	846	839	1,008	0	0	0,000	0	0	0,000	80	80	1,000
25-Jul-02	2,565	2,544	1,008	0	0	0,000	0	0	0,000	84	84	1,000
26-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	116	116	1,000
27-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	104	104	1,000
28-Jul-02	0	0	0,000	0	0	0,000	0	0	0,000	108	108	1,000
29-Jul-02	7,005	6,959	1,007	0	0	0,000	0	0	0,000	105	105	1,000
30-Jul-02	4,989	4,948	1,008	0	0	0,000	0	0	0,000	93	93	1,000
31-Jul-02	5,931	5,886	1,008	0	0	0,000	0	0	0,000	85	85	1,000
1-Aug-02	5,189	5,146	1,008	0	0	0,000	0	0	0,000	89	89	1,000
2-Aug-02	6,162	6,105	1,009	0	0	0,000	0	0	0,000	80	80	1,000
3-Aug-02	2,761	2,716	1,017	0	0	0,000	0	0	0,000	88	88	1,000
4-Aug-02	5,412	5,350	1,012	0	0	0,000	0	0	0,000	108	108	1,000
5-Aug-02	3,979	3,948	1,008	0	0	0,000	0	0	0,000	131	131	1,000
6-Aug-02	3,412	3,393	1,006	0	0	0,000	0	0	0,000	75	75	1,000
7-Aug-02	0	0	0,000	0	0	0,000	0	0	0,000	81	81	1,000
8-Aug-02	0	0	0,000	0	0	0,000	0	0	0,000	74	74	1,000
9-Aug-02	0	0	0,000	0	0	0,000	0	0	0,000	92	92	1,000
10-Aug-02	0	0	0,000	0	0	0,000	0	0	0,000	95	95	1,000
11-Aug-02	2	2	1,000	0	0	0,000	0	0	0,000	107	107	1,000
12-Aug-02	4,443	4,382	1,014	0	0	0,000	0	0	0,000	95	95	1,000
13-Aug-02	7,323	7,262	1,008	0	0	0,000	0	0	0,000	96	96	1,000
14-Aug-02	7,136	7,090	1,006	0	0	0,000	0	0	0,000	85	85	1,000
15-Aug-02	4,915	4,872	1,009	0	0	0,000	0	0	0,000	100	100	1,000
16-Aug-02	3,547	3,519	1,008	0	0	0,000	0	0	0,000	107	107	1,000
17-Aug-02	3,007	2,982	1,008	0	0	0,000	0	0	0,000	113	113	1,000
18-Aug-02	4,904	4,867	1,008	0	0	0,000	0	0	0,000	100	100	1,000
19-Aug-02	4,899	4,863	1,007	0	0	0,000	0	0	0,000	97	97	1,000
20-Aug-02	2,888	2,866	1,008	0	0	0,000	0	0	0,000	58	58	1,000

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	LINCOLN Dth	MCF	BTU VALUE	AGT#83 Dth	MCF	BTU VALUE	TIDEWTR Dth	MCF	BTU VALUE	LNG Dth	MCF	BTU VALUE
21-Aug-02	1,742	1,729	1,008		0	0.000		0	0.000		87	1,000
22-Aug-02	2,421	2,403	1,007		0	0.000		0	0.000		121	1,000
23-Aug-02	0	0	0.000		0	0.000		0	0.000		97	1,000
24-Aug-02	0	0	0.000		0	0.000		0	0.000		108	1,000
25-Aug-02	0	0	0.000		0	0.000		0	0.000		82	1,000
26-Aug-02	0	0	0.000		0	0.000		0	0.000		79	1,000
27-Aug-02	4,202	4,140	1,015		0	0.000		0	0.000		69	1,000
28-Aug-02	0	0	0.000		0	0.000		0	0.000		80	1,000
29-Aug-02	0	0	0.000		0	0.000		0	0.000		115	1,000
30-Aug-02	0	0	0.000		0	0.000		0	0.000		66	1,000
31-Aug-02	0	0	0.000		0	0.000		0	0.000		74	1,000
1-Sep-02	0	0	0.000		0	0.000		0	0.000		114	1,000
2-Sep-02	0	0	0.000		0	0.000		0	0.000		131	1,000
3-Sep-02	0	0	0.000		0	0.000		0	0.000		98	1,000
4-Sep-02	0	0	0.000		0	0.000		0	0.000		99	1,000
5-Sep-02	0	0	0.000		0	0.000		0	0.000		71	1,000
6-Sep-02	0	0	0.000		0	0.000		0	0.000		77	1,000
7-Sep-02	0	0	0.000		0	0.000		0	0.000		78	1,000
8-Sep-02	0	0	0.000		0	0.000		0	0.000		112	1,000
9-Sep-02	0	0	0.000		0	0.000		0	0.000		114	1,000
10-Sep-02	0	0	0.000		0	0.000		0	0.000		150	1,000
11-Sep-02	0	0	0.000		0	0.000		0	0.000		71	1,000
12-Sep-02	0	0	0.000		0	0.000		0	0.000		57	1,000
13-Sep-02	0	0	0.000		0	0.000		0	0.000		73	1,000
14-Sep-02	0	0	0.000		0	0.000		0	0.000		91	1,000
15-Sep-02	0	0	0.000		0	0.000		0	0.000		108	1,000
16-Sep-02	0	0	0.000		0	0.000		0	0.000		100	1,000
17-Sep-02	0	0	0.000		0	0.000		0	0.000		84	1,000
18-Sep-02	0	0	0.000		0	0.000		0	0.000		84	1,000
19-Sep-02	0	0	0.000		0	0.000		0	0.000		89	1,000
20-Sep-02	0	0	0.000		0	0.000		0	0.000		100	1,000
21-Sep-02	0	0	0.000		0	0.000		0	0.000		86	1,000
22-Sep-02	3	3	1,000		0	0.000		0	0.000		105	1,000
23-Sep-02	1,222	1,212	1,008		0	0.000		0	0.000		72	1,000
24-Sep-02	0	0	0.000		0	0.000		0	0.000		77	1,000
25-Sep-02	0	0	0.000		0	0.000		0	0.000		87	1,000
26-Sep-02	0	0	0.000		0	0.000		0	0.000		123	1,000
27-Sep-02	0	0	0.000		0	0.000		0	0.000		127	1,000
28-Sep-02	0	0	0.000		0	0.000		0	0.000		48	1,000
29-Sep-02	0	0	0.000		0	0.000		0	0.000		66	1,000
30-Sep-02	0	0	0.000		11	1,000		0	0.000		104	1,000
1-Oct-02	0	0	0.000		0	0.000		0	0.000		105	1,000
2-Oct-02	0	0	0.000		0	0.000		0	0.000		111	1,000
3-Oct-02	0	0	0.000		0	0.000		0	0.000		50	1,000
4-Oct-02	0	0	0.000		0	0.000		0	0.000		127	1,000
5-Oct-02	0	0	0.000		0	0.000		0	0.000		64	1,000
6-Oct-02	0	0	0.000		0	0.000		0	0.000		93	1,000
7-Oct-02	0	0	0.000		0	0.000		0	0.000		87	1,000
8-Oct-02	881	867	1,016		0	0.000		0	0.000		70	1,000
9-Oct-02	398	395	1,008		0	0.000		0	0.000		77	1,000
10-Oct-02	3,719	3,686	1,009		0	0.000		0	0.000		88	1,000
11-Oct-02	4,931	4,888	1,009		0	0.000		0	0.000		95	1,000
12-Oct-02	4,546	4,430	1,026		0	0.000		0	0.000		107	1,000
13-Oct-02	0	0	0.000		0	0.000		0	0.000		84	1,000
14-Oct-02	2,252	2,235	1,008		0	0.000		0	0.000		71	1,000
15-Oct-02	2,430	2,411	1,008		0	0.000		0	0.000		104	1,000
16-Oct-02	5,383	5,344	1,007		0	0.000		0	0.000		141	1,000

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	LINCOLN Dth	MCF	BTU VALUE	AGT#83 Dth	MCF	BTU VALUE	TIDEWTR Dth	MCF	BTU VALUE	LNG Dth	MCF	BTU VALUE
17-Oct-02	732	726	1,008	0	0	0.000	0	0	0.000	55	55	1,000
18-Oct-02	0	0	0.000	0	0	0.000	0	0	0.000	65	65	1,000
19-Oct-02	0	0	0.000	0	0	0.000	0	0	0.000	107	107	1,000
20-Oct-02	1,089	1,072	1,016	0	0	0.000	0	0	0.000	71	71	1,000
21-Oct-02	4,224	4,165	1,014	0	0	0.000	0	0	0.000	58	58	1,000
22-Oct-02	5,991	5,867	1,021	0	0	0.000	0	0	0.000	83	83	1,000
23-Oct-02	8,681	8,479	1,024	0	0	0.000	0	0	0.000	61	61	1,000
24-Oct-02	9,886	9,696	1,023	0	0	0.000	0	0	0.000	74	74	1,000
25-Oct-02	7,501	7,372	1,017	0	0	0.000	0	0	0.000	95	95	1,000
26-Oct-02	693	691	1,018	0	0	0.000	0	0	0.000	123	123	1,000
27-Oct-02	725	711	1,020	0	0	0.000	0	0	0.000	68	68	1,000
28-Oct-02	1,897	1,861	1,019	0	0	0.000	0	0	0.000	73	73	1,000
29-Oct-02	7,267	7,138	1,018	0	0	0.000	0	0	0.000	80	80	1,000
30-Oct-02	7,642	7,485	1,020	0	0	0.000	0	0	0.000	90	90	1,000
31-Oct-02	9,154	8,988	1,021	0	0	0.000	0	0	0.000	77	77	1,000

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

Peter Czekanski
Attachment PCC-4
Docket No. 3436
February 14, 2003

DATE	CUMBERLAND SYSTEM Dth	MCF	BTU VALUE	PGC		PGC		RI		RI		RI DAILY WEIGHTED AVERAGE FACTOR
				TOTAL RECEIVED AND PRODUCED	MCF TOTAL AND PRODUCED	TOTAL RECEIVED AND PRODUCED	MCF TOTAL AND PRODUCED	Dth TOTAL RECEIVED AND PRODUCED	MCF TOTAL RECEIVED AND PRODUCED			
1-May-02	23,300	22,673	1,028	63,721	62,060	87,021	84,733	1.027	1.027	1.027	1.027	
2-May-02	26,251	25,720	1,021	76,725	74,962	102,976	100,682	1.024	1.024	1.023	1.023	
3-May-02	23,818	23,338	1,021	70,978	69,389	94,796	92,727	1.023	1.023	1.022	1.022	
4-May-02	15,391	14,961	1,029	48,410	47,445	63,801	62,406	1.020	1.020	1.022	1.022	
5-May-02	15,999	15,568	1,028	47,974	46,954	63,973	62,522	1.021	1.021	1.023	1.023	
6-May-02	16,062	15,660	1,026	43,453	42,556	59,515	58,216	1.021	1.021	1.022	1.022	
7-May-02	15,424	15,107	1,021	40,598	39,904	56,022	55,011	1.017	1.017	1.018	1.018	
8-May-02	16,464	16,224	1,014	45,082	44,271	61,546	60,495	1.019	1.019	1.017	1.017	
9-May-02	15,922	15,773	1,009	53,846	52,804	69,768	68,577	1.020	1.020	1.017	1.017	
10-May-02	13,739	13,606	1,010	38,562	38,002	52,301	51,608	1.015	1.015	1.013	1.013	
11-May-02	12,651	12,446	1,016	39,018	38,232	51,668	50,738	1.019	1.019	1.018	1.018	
12-May-02	18,864	18,441	1,023	57,692	56,215	76,956	74,656	1.026	1.026	1.025	1.025	
13-May-02	21,896	21,538	1,017	84,438	82,760	106,333	104,298	1.020	1.020	1.020	1.020	
14-May-02	23,075	22,815	1,011	65,402	64,301	89,477	87,116	1.017	1.017	1.016	1.016	
15-May-02	21,797	21,505	1,014	61,027	59,849	82,824	81,354	1.020	1.020	1.018	1.018	
16-May-02	14,749	14,537	1,015	37,166	36,523	51,915	51,060	1.018	1.018	1.017	1.017	
17-May-02	14,222	13,990	1,023	39,410	38,658	53,632	52,567	1.019	1.019	1.020	1.020	
18-May-02	23,364	22,980	1,017	80,692	79,029	104,056	102,009	1.021	1.021	1.020	1.020	
19-May-02	17,500	17,148	1,021	62,621	61,220	80,121	78,368	1.023	1.023	1.022	1.022	
20-May-02	23,707	23,229	1,021	65,963	64,564	89,690	87,783	1.022	1.022	1.022	1.022	
21-May-02	21,202	20,769	1,021	55,562	54,094	76,784	74,863	1.028	1.028	1.026	1.026	
22-May-02	17,999	17,738	1,015	46,386	45,419	63,157	61,571	1.021	1.021	1.019	1.019	
23-May-02	15,585	15,403	1,012	40,522	39,800	56,107	55,203	1.018	1.018	1.016	1.016	
24-May-02	12,566	12,361	1,017	33,531	32,948	46,097	45,310	1.018	1.018	1.017	1.017	
25-May-02	12,425	12,003	1,035	36,780	36,189	50,277	48,783	1.029	1.029	1.031	1.031	
26-May-02	11,162	10,660	1,047	33,037	31,897	44,199	42,557	1.036	1.036	1.039	1.039	
27-May-02	12,238	11,581	1,057	33,144	31,807	45,382	43,388	1.042	1.042	1.046	1.046	
28-May-02	15,072	14,457	1,043	34,497	33,173	49,569	47,630	1.040	1.040	1.041	1.041	
29-May-02	13,955	13,637	1,023	36,036	35,142	49,991	48,779	1.025	1.025	1.025	1.025	
30-May-02	13,545	13,322	1,017	35,292	34,624	48,807	47,946	1.018	1.018	1.018	1.018	
31-May-02	11,698	11,504	1,017	32,142	31,591	43,840	43,095	1.017	1.017	1.017	1.017	
1-Jun-02	9,426	9,205	1,024	30,338	29,612	39,764	38,817	1.025	1.025	1.024	1.024	
2-Jun-02	12,158	11,706	1,039	35,117	33,867	47,275	46,573	1.037	1.037	1.036	1.036	
3-Jun-02	14,927	14,392	1,037	37,472	36,169	52,399	50,561	1.036	1.036	1.036	1.036	
4-Jun-02	14,009	13,495	1,038	35,319	34,017	48,328	47,512	1.038	1.038	1.038	1.038	
5-Jun-02	13,791	13,327	1,035	34,438	33,270	48,229	46,597	1.035	1.035	1.035	1.035	
6-Jun-02	14,295	13,845	1,033	39,218	38,200	53,513	52,045	1.027	1.027	1.028	1.028	
7-Jun-02	15,652	15,187	1,031	47,891	46,638	63,543	61,825	1.027	1.027	1.028	1.028	
8-Jun-02	10,967	10,576	1,037	36,417	35,149	47,384	45,725	1.036	1.036	1.036	1.036	
9-Jun-02	11,674	11,163	1,046	33,566	32,165	45,240	43,328	1.044	1.044	1.044	1.044	
10-Jun-02	14,014	13,381	1,047	35,788	34,254	49,802	47,635	1.045	1.045	1.045	1.045	
11-Jun-02	13,933	13,466	1,035	35,445	34,122	49,378	47,588	1.039	1.039	1.038	1.038	
12-Jun-02	15,779	15,205	1,038	41,901	40,070	57,680	55,275	1.046	1.046	1.044	1.044	
13-Jun-02	14,638	13,957	1,049	38,308	36,308	54,853	52,265	1.050	1.050	1.050	1.050	
14-Jun-02	14,120	13,399	1,054	39,917	38,968	54,037	51,387	1.051	1.051	1.052	1.052	
15-Jun-02	14,206	13,194	1,077	43,120	41,701	57,326	54,895	1.034	1.034	1.044	1.044	
16-Jun-02	12,985	11,977	1,084	37,822	36,304	50,807	48,281	1.042	1.042	1.052	1.052	
17-Jun-02	13,677	13,061	1,047	35,875	34,586	49,552	47,657	1.037	1.037	1.040	1.040	
18-Jun-02	13,370	13,045	1,025	35,806	35,066	49,176	47,730	1.032	1.032	1.030	1.030	
19-Jun-02	13,610	13,304	1,023	35,964	34,937	48,574	48,241	1.029	1.029	1.028	1.028	
20-Jun-02	13,211	12,929	1,022	35,580	34,587	48,791	47,516	1.029	1.029	1.027	1.027	
21-Jun-02	11,463	11,204	1,022	32,796	31,894	44,249	43,098	1.028	1.028	1.027	1.027	
22-Jun-02	9,416	9,162	1,025	29,335	28,517	38,751	37,699	1.029	1.029	1.028	1.028	
23-Jun-02	10,519	10,226	1,029	31,298	30,446	41,817	40,672	1.028	1.028	1.028	1.028	
24-Jun-02	17,439	16,994	1,026	32,208	31,514	49,647	48,508	1.022	1.022	1.023	1.023	

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	CUMBERLAND SYSTEM Dth	MCF	BTU VALUE	PGC Dth		PGC MCF		RI Dth		RI MCF		RI DAILY WEIGHTED AVERAGE FACTOR
				TOTAL RECEIVED AND PRODUCED	TOTAL PRODUCED	TOTAL RECEIVED AND PRODUCED	TOTAL PRODUCED	TOTAL RECEIVED AND PRODUCED	TOTAL PRODUCED			
25-Jun-02	12,511	12,253	1,021	32,455	31,609	1,027	44,966	48,553	43,862	1,025	1,025	
26-Jun-02	17,448	17,024	1,025	32,105	31,272	1,027	48,553	48,296	48,296	1,026	1,026	
27-Jun-02	18,113	17,736	1,021	30,682	29,867	1,027	48,795	47,603	47,603	1,025	1,025	
28-Jun-02	9,906	9,700	1,031	29,996	29,101	1,031	36,902	36,801	36,801	1,028	1,028	
29-Jun-02	8,256	8,095	1,020	27,673	26,774	1,034	35,929	34,869	34,869	1,030	1,030	
30-Jun-02	8,791	8,607	1,021	29,049	28,170	1,031	37,840	36,777	36,777	1,029	1,029	
1-Jul-02	9,407	9,003	1,045	29,581	28,540	1,036	38,988	37,543	37,543	1,038	1,038	
2-Jul-02	9,100	8,701	1,046	28,817	28,296	1,018	37,917	36,997	36,997	1,025	1,025	
3-Jul-02	10,927	10,549	1,036	26,848	26,274	1,022	37,775	36,823	36,823	1,026	1,026	
4-Jul-02	7,066	6,782	1,045	25,943	25,324	1,024	33,009	32,086	32,086	1,029	1,029	
5-Jul-02	7,983	7,637	1,045	27,559	26,987	1,021	35,542	34,624	34,624	1,027	1,027	
6-Jul-02	7,649	7,343	1,042	27,553	26,523	1,039	35,202	33,866	33,866	1,039	1,039	
7-Jul-02	8,759	8,391	1,044	29,678	28,478	1,042	38,437	36,869	36,869	1,043	1,043	
8-Jul-02	13,985	13,391	1,044	30,845	30,000	1,028	44,830	43,391	43,391	1,033	1,033	
9-Jul-02	10,475	10,046	1,043	31,343	30,898	1,014	41,818	40,945	40,945	1,021	1,021	
10-Jul-02	10,857	10,465	1,037	32,497	31,862	1,020	43,354	42,327	42,327	1,024	1,024	
11-Jul-02	11,396	10,921	1,043	32,592	31,984	1,019	43,988	42,905	42,905	1,025	1,025	
12-Jul-02	9,852	9,415	1,046	30,737	30,004	1,024	40,589	39,419	39,419	1,030	1,030	
13-Jul-02	8,015	7,634	1,050	28,795	27,737	1,038	36,810	35,371	35,371	1,041	1,041	
14-Jul-02	9,115	8,728	1,044	29,674	28,689	1,034	38,789	37,417	37,417	1,037	1,037	
15-Jul-02	16,648	16,184	1,030	32,170	31,705	1,015	48,819	47,869	47,869	1,020	1,020	
16-Jul-02	15,260	14,976	1,019	33,229	32,673	1,017	48,489	47,649	47,649	1,018	1,018	
17-Jul-02	11,965	11,649	1,019	32,748	32,312	1,013	44,613	43,961	43,961	1,015	1,015	
18-Jul-02	17,914	17,508	1,023	31,997	31,514	1,015	49,911	48,022	48,022	1,018	1,018	
19-Jul-02	13,962	13,622	1,025	29,767	29,258	1,017	43,729	42,880	42,880	1,020	1,020	
20-Jul-02	7,357	7,036	1,046	28,085	27,388	1,025	35,442	34,434	34,434	1,029	1,029	
21-Jul-02	9,865	9,418	1,047	30,599	29,835	1,026	40,464	39,253	39,253	1,031	1,031	
22-Jul-02	17,590	16,985	1,036	31,161	30,673	1,016	46,751	45,658	45,658	1,023	1,023	
23-Jul-02	16,313	15,923	1,024	31,490	30,925	1,018	47,803	46,848	46,848	1,020	1,020	
24-Jul-02	13,752	13,329	1,032	34,205	33,507	1,021	47,957	46,836	46,836	1,024	1,024	
25-Jul-02	15,973	15,499	1,031	32,934	32,238	1,022	48,907	47,727	47,727	1,025	1,025	
26-Jul-02	10,144	9,727	1,043	30,559	30,081	1,016	40,703	39,808	39,808	1,022	1,022	
27-Jul-02	8,082	7,678	1,053	27,885	27,284	1,022	35,987	34,962	34,962	1,029	1,029	
28-Jul-02	9,716	9,270	1,048	29,869	28,872	1,035	39,565	38,142	38,142	1,038	1,038	
29-Jul-02	23,115	22,503	1,027	30,896	30,529	1,012	54,011	53,032	53,032	1,018	1,018	
30-Jul-02	19,288	18,906	1,020	31,063	30,592	1,015	50,351	49,498	49,498	1,017	1,017	
31-Jul-02	19,302	18,907	1,021	31,309	30,838	1,015	50,611	49,745	49,745	1,017	1,017	
1-Aug-02	19,672	19,970	1,037	30,398	29,932	1,016	50,070	48,902	48,902	1,024	1,024	
2-Aug-02	13,779	13,403	1,028	28,846	28,352	1,017	42,624	41,755	41,755	1,021	1,021	
3-Aug-02	11,967	11,446	1,037	26,550	25,833	1,028	38,417	37,279	37,279	1,031	1,031	
4-Aug-02	18,753	18,191	1,031	28,173	27,343	1,030	46,926	45,534	45,534	1,031	1,031	
5-Aug-02	18,760	18,393	1,020	30,829	30,367	1,015	49,589	48,760	48,760	1,017	1,017	
6-Aug-02	16,869	16,563	1,018	32,131	31,594	1,017	49,000	48,157	48,157	1,018	1,018	
7-Aug-02	12,542	12,299	1,020	30,909	30,491	1,014	43,451	42,790	42,790	1,015	1,015	
8-Aug-02	11,982	11,526	1,040	31,370	30,901	1,015	43,352	42,427	42,427	1,022	1,022	
9-Aug-02	10,228	9,790	1,045	28,756	28,221	1,019	38,984	38,011	38,011	1,026	1,026	
10-Aug-02	7,950	7,609	1,045	26,173	25,544	1,025	34,123	33,153	33,153	1,029	1,029	
11-Aug-02	8,485	8,125	1,044	26,252	25,456	1,031	34,737	33,582	33,582	1,034	1,034	
12-Aug-02	16,703	16,100	1,037	27,663	27,064	1,022	44,366	43,164	43,164	1,028	1,028	
13-Aug-02	24,258	23,485	1,033	30,034	29,477	1,019	54,292	52,962	52,962	1,025	1,025	
14-Aug-02	24,284	23,682	1,025	29,853	29,406	1,015	54,137	53,088	53,088	1,020	1,020	
15-Aug-02	23,980	23,068	1,040	29,585	29,093	1,017	53,565	52,161	52,161	1,027	1,027	
16-Aug-02	17,914	17,354	1,032	28,088	27,634	1,016	46,000	44,988	44,988	1,022	1,022	
17-Aug-02	15,280	14,711	1,039	25,123	24,660	1,019	40,403	39,371	39,371	1,026	1,026	
18-Aug-02	21,923	21,198	1,034	27,028	26,505	1,020	48,951	47,703	47,703	1,026	1,026	
19-Aug-02	23,675	23,249	1,027	29,128	28,700	1,015	53,003	51,949	51,949	1,020	1,020	
20-Aug-02	18,335	17,914	1,024	30,618	30,180	1,015	48,953	48,074	48,074	1,018	1,018	

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

New England Gas Company

DATE	CUMBERLAND SYSTEM Dth	MCF	BTU VALUE	PGC Dth TOTAL RECEIVED AND PRODUCED	PGC MCF TOTAL RECEIVED AND PRODUCED	PGC SYSTEM FACTOR	RI Dth TOTAL RECEIVED AND PRODUCED	RI MCF TOTAL RECEIVED AND PRODUCED	RI DAILY WEIGHTED AVERAGE FACTOR
21-Aug-02	14,692	14,408	1,020	30,559	30,066	1.016	45,251	44,474	1.017
22-Aug-02	17,473	17,051	1,025	30,141	29,555	1.016	47,614	46,706	1.019
23-Aug-02	11,341	11,026	1,029	30,703	30,164	1.018	42,044	41,190	1.021
24-Aug-02	8,568	8,228	1,041	28,421	27,939	1.021	36,989	36,067	1.026
25-Aug-02	10,185	9,755	1,044	29,587	28,939	1.022	39,772	38,694	1.028
26-Aug-02	12,843	12,218	1,051	32,173	31,205	1.031	45,016	43,423	1.037
27-Aug-02	15,917	15,363	1,036	31,467	30,793	1.022	47,384	46,196	1.027
28-Aug-02	12,683	12,124	1,046	32,460	31,239	1.039	45,143	43,363	1.041
29-Aug-02	12,932	12,327	1,049	32,724	31,585	1.036	45,656	43,912	1.040
30-Aug-02	10,528	10,067	1,046	30,965	29,997	1.033	41,513	40,064	1.036
31-Aug-02	9,044	8,636	1,047	30,976	29,671	1.044	40,020	38,307	1.045
1-Sep-02	8,437	8,057	1,047	32,394	31,091	1.042	40,831	39,148	1.043
2-Sep-02	10,578	10,072	1,050	35,501	34,068	1.042	46,079	44,140	1.044
3-Sep-02	12,693	12,096	1,049	36,201	36,786	1.038	50,894	48,882	1.041
4-Sep-02	12,920	12,304	1,050	37,258	36,247	1.028	48,551	46,551	1.034
5-Sep-02	13,419	12,912	1,039	38,661	37,888	1.020	52,080	50,800	1.025
6-Sep-02	11,782	11,310	1,042	36,094	35,492	1.017	47,876	46,802	1.023
7-Sep-02	9,008	8,610	1,046	33,882	33,125	1.023	42,890	41,736	1.028
8-Sep-02	9,984	9,602	1,040	35,445	34,664	1.023	45,429	44,266	1.026
9-Sep-02	12,119	11,642	1,041	37,366	36,687	1.018	49,475	48,329	1.024
10-Sep-02	12,724	12,314	1,033	37,492	36,877	1.017	50,216	49,191	1.021
11-Sep-02	13,516	13,261	1,019	38,905	38,268	1.017	52,421	51,529	1.017
12-Sep-02	13,852	13,598	1,023	39,894	39,250	1.016	53,746	52,788	1.018
13-Sep-02	11,598	11,284	1,028	36,481	35,934	1.016	48,089	47,218	1.018
14-Sep-02	11,155	10,697	1,043	33,853	33,221	1.019	45,008	43,918	1.025
15-Sep-02	17,230	16,520	1,043	35,816	35,084	1.021	53,046	51,604	1.028
16-Sep-02	19,461	18,729	1,039	38,190	37,375	1.022	57,661	56,104	1.028
17-Sep-02	18,286	17,769	1,030	38,111	37,315	1.021	56,397	55,074	1.024
18-Sep-02	13,447	12,989	1,035	38,670	37,798	1.023	52,117	50,787	1.026
19-Sep-02	13,252	12,900	1,027	37,780	36,918	1.023	51,032	49,818	1.024
20-Sep-02	11,316	11,060	1,023	35,412	34,684	1.021	46,728	45,744	1.022
21-Sep-02	9,206	8,794	1,047	33,477	32,438	1.032	42,883	41,232	1.035
22-Sep-02	10,360	9,854	1,051	35,121	34,105	1.030	45,481	43,959	1.035
23-Sep-02	16,802	16,164	1,039	37,040	36,115	1.026	53,842	52,279	1.030
24-Sep-02	13,424	12,870	1,043	37,658	36,661	1.027	51,082	49,531	1.031
25-Sep-02	13,225	12,640	1,046	38,807	37,759	1.028	52,032	50,399	1.032
26-Sep-02	12,742	12,189	1,045	38,146	37,208	1.025	50,888	49,407	1.030
27-Sep-02	16,024	15,361	1,043	35,303	34,520	1.023	51,327	49,881	1.029
28-Sep-02	9,795	9,369	1,045	36,063	35,122	1.027	45,858	44,491	1.031
29-Sep-02	12,389	11,839	1,046	40,122	39,102	1.026	52,511	50,941	1.031
30-Sep-02	17,171	16,507	1,040	39,182	38,235	1.025	56,353	54,742	1.029
1-Oct-02	12,631	12,091	1,045	37,606	36,870	1.020	50,237	48,961	1.026
2-Oct-02	16,162	15,442	1,047	37,937	37,093	1.023	54,099	52,535	1.030
3-Oct-02	13,140	12,585	1,044	40,014	39,000	1.026	53,154	51,585	1.030
4-Oct-02	10,948	10,500	1,043	35,879	34,934	1.027	46,827	45,434	1.031
5-Oct-02	9,430	9,028	1,045	35,511	34,288	1.036	44,941	43,316	1.038
6-Oct-02	12,736	12,186	1,045	41,020	39,658	1.034	53,756	51,843	1.037
7-Oct-02	18,876	18,031	1,047	43,977	43,528	1.034	62,853	60,559	1.036
8-Oct-02	18,494	17,724	1,043	51,900	50,237	1.033	70,394	67,961	1.036
9-Oct-02	19,680	19,048	1,033	54,204	52,714	1.028	73,884	71,762	1.030
10-Oct-02	17,257	16,893	1,022	47,046	46,225	1.018	64,303	63,118	1.019
11-Oct-02	14,904	14,530	1,026	46,141	45,320	1.018	61,045	59,850	1.020
12-Oct-02	12,891	12,456	1,035	44,965	43,899	1.025	57,876	56,366	1.027
13-Oct-02	13,201	12,615	1,046	45,585	44,360	1.028	58,786	56,975	1.032
14-Oct-02	22,847	22,317	1,024	71,745	69,797	1.028	94,592	92,114	1.027
15-Oct-02	24,086	23,871	1,009	68,998	67,255	1.026	93,086	91,126	1.022
16-Oct-02	22,366	22,100	1,012	64,600	63,446	1.018	86,966	85,546	1.017

Rhode Island Weighted Average BTU Content
May 2002 through October 2002

DATE	CUMBERLAND SYSTEM Dth	MCF	BTU VALUE	PGC		PGC		RI		RI		RI DAILY WEIGHTED AVERAGE FACTOR
				Dth TOTAL RECEIVED AND PRODUCED	MCF TOTAL RECEIVED AND PRODUCED	Dth TOTAL RECEIVED AND PRODUCED	MCF TOTAL RECEIVED AND PRODUCED	Dth TOTAL RECEIVED AND PRODUCED	MCF TOTAL RECEIVED AND PRODUCED			
17-Oct-02	19,152	18,830	1,017	56,705	55,741	1,017	75,857	74,571	1,017	90,982	74,571	1,017
18-Oct-02	22,506	22,207	1,013	69,903	68,775	1,016	92,409	90,982	1,016	90,982	90,982	1,016
19-Oct-02	17,411	16,975	1,026	56,893	55,987	1,016	74,304	72,962	1,018	72,962	72,962	1,018
20-Oct-02	22,092	21,603	1,023	69,977	68,622	1,020	92,069	90,225	1,020	90,225	90,225	1,020
21-Oct-02	30,001	29,558	1,015	88,503	86,650	1,021	118,504	116,208	1,020	116,208	116,208	1,020
22-Oct-02	30,459	29,829	1,021	90,540	88,396	1,024	120,999	118,215	1,024	118,215	118,215	1,024
23-Oct-02	37,873	36,998	1,024	114,069	111,399	1,024	151,942	148,397	1,024	148,397	148,397	1,024
24-Oct-02	33,419	32,669	1,023	97,874	95,199	1,028	131,293	127,868	1,027	127,868	127,868	1,027
25-Oct-02	27,067	26,570	1,019	84,400	82,346	1,025	111,467	108,916	1,023	108,916	108,916	1,023
26-Oct-02	19,647	19,308	1,018	89,251	87,210	1,023	108,888	106,518	1,022	106,518	106,518	1,022
27-Oct-02	18,873	18,517	1,019	83,612	81,790	1,022	102,486	100,307	1,022	100,307	100,307	1,022
28-Oct-02	26,278	25,762	1,020	106,320	103,886	1,023	132,598	129,647	1,023	129,647	129,647	1,023
29-Oct-02	34,224	33,555	1,020	110,703	108,143	1,024	144,927	141,698	1,023	141,698	141,698	1,023
30-Oct-02	38,718	37,954	1,020	117,724	115,052	1,023	156,442	153,006	1,022	153,006	153,006	1,022
31-Oct-02	32,144	31,462	1,022	102,607	100,250	1,024	134,751	131,712	1,023	131,712	131,712	1,023
	2,837,733	2,754,270	1,030	7,688,287	7,483,641	1,025	10,506,020	10,237,911	1,026	10,237,911	10,237,911	1,026

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
PUBLIC UTILITIES COMMISSION

NEW ENGLAND GAS COMPANY
DOCKET NO. 3436

DIRECT TESTIMONY

OF

GARY L. BELAND

February 14, 2003

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
7 including purchasing, contracting, planning, Federal regulatory monitoring and
8 intervention, and system monitoring and control.

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

10 A. The purpose of my testimony is to support the gas costs included in this filing.

11 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

12 A. Yes. Attachment GLB-1 is a comparison of the NYMEX prices used in establishing
13 the currently effective GCR, the actual NYMEX closing prices through February 2003
14 and the NYMEX strip from March 2003 to October 2003 used to develop the forecast
15 of gas costs included in this filing.

1 Attachment GLB-2 shows the summary of the updated gas costs. Attachment GLB-3
2 contains the supply dispatch and the details of the pricing for the various supply
3 sources. Attachments GLB-4 and GLB-5 cover the details of storage and peaking
4 supply costs and GLB-6 lays out the updated projection of fixed costs. Attachment
5 GLB-7 is the new proposed benchmark strip.

6 **Q. HOW WERE THE GAS COSTS CALCULATED?**

7 A. The gas costs shown in GLB-2 are based on the quantities and prices shown in
8 attachments GLB-3 through GLB-6. Gas costs through January are based on actual
9 results. The monthly sendout forecast for the period from February through October
10 2003 is consistent with that in the June 2002 GCR filing, but the gas cost forecast has
11 been updated using the February 6, 2003 NYMEX strip and by incorporating the
12 purchase plan price locks for the forecast months triggered through December 2002.
13 The storage inventory reflects the January 31, 2003 inventory levels.

14 The actual calculation of projected gas costs was done using the SENDOUT modeling
15 software to perform an optimized dispatch from February through October 2003. The
16 forecasted sendout volume for February through October is the same as was used in
17 the June GCR filing.

1 **Q. WHY IS IT NECESSARY TO REQUEST AN INCREASE IN THE GCR AT**
2 **THIS TIME?**

3 A. Gas prices have increased substantially. Attachment GLB-1 shows the NYMEX
4 future prices used in the original GCR filing and the comparison with the actual
5 NYMEX closing prices for the period July 2002 through February 2003 and the
6 current futures price as of the February 6, 2003 NYMEX close.

7 As the graph shows, the actual prices in January and February are \$0.84 and \$1.56 per
8 dekatherm higher than NYMEX projected prices in the original filing. The future
9 prices for March through October are an average of \$1.39 higher than the original
10 filing.

11 Besides the impact of the higher first of the month price on January purchasing, as
12 reflected in the NYMEX closing price, the exceptionally severe cold weather caused
13 daily prices to be even higher and also caused the use of much greater quantities of
14 both daily priced supplies and peaking supplies than was included in the original
15 filing. For example, LNG use for the month was 575,218 Dth, more than five times
16 the projected use of 88,000 Dth in the original filing.

17 **Q. WHAT HAS CAUSED THE INCREASE IN GAS PRICES?**

1 A. The increase in gas prices has been the result of a number of factors that began last
2 summer with extreme hot weather across much of the country and particularly the
3 Northeast that raised the demand for gas for electric generation. That was immediately
4 followed by two hurricanes that traveled through the Gulf of Mexico, causing
5 production to be curtailed for the duration of each storm and inflicting damage to a
6 number of off shore well platforms.

7 The significant increase in oil prices has also been a factor in pushing gas prices
8 higher. High oil prices cause industrial and electric generation use to shift toward gas.
9 Both the Iraq situation and the strike in Venezuela have helped support higher gas
10 prices by raising oil prices.

11 The severe colder-than-normal weather that started in mid-October in both the East
12 and Midwest and particularly in the Northeast has been a major factor in the increase
13 in gas prices this winter. Between October 14, 2002, when the first cold spell hit, and
14 the end of January 2003, Providence has been 12% colder-than-normal. February has
15 brought more colder than normal weather, and the forecast for the rest of February is
16 for colder-than-normal weather. There is also a longer term forecast for more cold
17 weather for March and April.

18 Possibly the most disturbing data supporting higher prices is the production data
19 shown in the annual reports of the major producing companies. That data shows a

1 clear and significant decline in US production by the major publicly traded companies.
2 It also shows that Canadian production is not increasing to fill the gap. At the same
3 time, electric generation demand is increasing, particularly in New England and the
4 Northeast. This has also caused regional prices to increase to an even greater degree
5 than NYMEX prices.

6 **Q. WHAT HAS BEEN THE IMPACT ON THE COMPANY'S PURCHASE GAS**
7 **COST FROM THE HIGHER PRICES?**

8 A. Because of the gas purchase plan, the impact of the higher prices has been limited
9 significantly. The Company entered the winter with the ability to meet 75% of normal
10 forecasted sendout with supply that was available at a fixed price either because the
11 price had been locked under the purchase plan or because the supply was already
12 purchased and in storage. With actual weather 15% colder-than-normal in January and
13 sendout further increased by unusual, extreme wind conditions, sendout increased to
14 the point that it was necessary to meet 35% of January requirements at monthly or
15 daily market prices. However, even with the increase requested in this filing the
16 Company's GCR rates will remain significantly below those of other major New
17 England gas companies. Other companies found it necessary to put larger increases in
18 effect and to have them in place during the high use months of December 2002,
19 January and February 2003.

1 **Q. PLEASE DESCRIBE THE GAS COST SCHEDULE SHOWN IN**
2 **ATTACHMENT GLB-2.**

3 A. Attachment GLB-2 is a summary of the GCR gas costs broken down into major
4 components by month for the period February through October 2003.

5 **Q. PLEASE DESCRIBE ATTACHMENTS GLB-3 THROUGH GLB-6.**

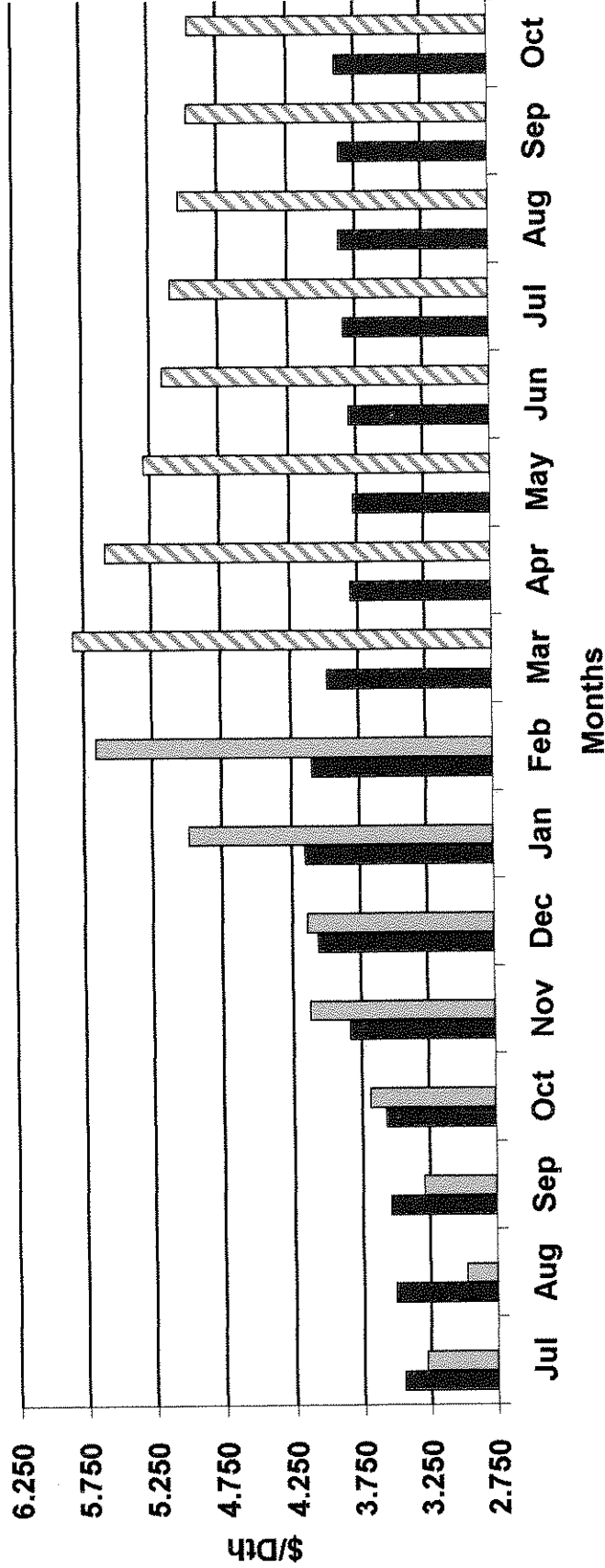
6 A. Attachments GLB-3 through GLB-6 show the detail behind gas costs in the filing for
7 February through October 2003. The various schedules show the optimized,
8 forecasted sendout by supply source and the pricing detail by supply source and cost
9 component.

10 **Q. UNDER THE GAS PURCHASE PLAN THERE IS AN ESTABLISHED**
11 **BENCHMARK. IS THE COMPANY PROPOSING TO UPDATE THE**
12 **BENCHMARK?**

13 A. Yes. The new benchmark would be the NYMEX closing strip for February 6, 2003.
14 The new benchmark is shown in Attachment GLB-7. Current futures prices are
15 significantly higher than the previous benchmark and that raising the benchmark is
16 appropriate because it does not appear prices will return to lower levels in the near
17 future.

- 1 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**
- 2 **A.** Yes, it does.

**ACTUAL AND PROJECTED NYMEX STRIPS
VERSUS AS FILED STRIP**



Filed Nymex Price
 Actual Nymex Closing Price
 02/06/03 Strip

GCR GAS COSTS
FEBRUARY 2003 - OCTOBER 2003

GLB-2
page 1 of 1

SUMMARY OF UPDATED COST ESTIMATE FOR FEBRUARY - OCTOBER

Variable Costs	Updated Est										
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	Feb - Oct
Total Pipeline Supply Costs	16,184,974	14,078,982	9,339,703	5,154,991	3,904,717	3,076,792	3,303,428	4,455,296	8,017,707	67,516,589	67,516,589
Total Storage Product Costs	3,581,263	2,686,463	274,770	0	0	0	0	0	0	6,522,516	6,522,516
Total Storage Delivery Costs	213,583	160,287	63,939	0	0	0	0	0	0	437,809	437,809
Total LNG and Propane Costs	437,278	191,131	159,141	163,706	146,282	142,484	136,877	128,565	129,308	1,634,781	1,634,781
Total All Variable Gas Costs	20,417,118	17,096,862	9,837,553	5,318,697	4,050,999	3,219,286	3,440,305	4,583,860	8,147,016	76,111,695	76,111,695
Fixed Costs											
TOTAL PIPELINE DEMANDS	2,334,091	2,334,567	2,318,574	2,318,813	2,318,574	2,318,813	2,318,813	2,318,574	2,344,087	20,924,907	20,924,907
TOTAL SUPPLIER DEMANDS	207,862	211,859	210,477	211,859	210,477	211,859	211,859	210,477	210,477	1,897,206	1,897,206
TOTAL STORAGE FACILITIES	413,604	388,404	388,404	388,404	388,404	388,404	388,404	388,404	388,404	3,520,840	3,520,840
TOTAL STORAGE DELIVERY	402,155	402,155	333,516	333,516	333,516	333,516	333,516	333,516	333,516	3,138,919	3,138,919
Total All Fixed Costs	3,357,712	3,336,986	3,250,971	3,252,592	3,250,971	3,252,592	3,252,592	3,250,971	3,276,484	29,481,872	29,481,872
Total Marketer Release Credits	328,526	328,526	328,526	328,526	328,526	328,526	328,526	328,526	328,526	2,956,735	2,956,735
Capacity Release Revenue	140,000	140,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	980,000	980,000
Net Fixed Costs	2,889,186	2,868,459	2,822,445	2,824,066	2,822,445	2,824,066	2,824,066	2,822,445	2,847,958	25,545,136	25,545,136
Total All Gas Costs	23,306,303	19,965,322	12,659,999	8,142,762	6,873,444	6,043,352	6,264,370	7,406,305	10,994,974	101,656,832	101,656,832

Natural Gas Supply Vs. Requirements

Units: DT

	FEB 2003	MAR 2003	APR 2003	MAY 2003	JUN 2003	JUL 2003	AUG 2003	SEP 2003	OCT 2003	Total
Forecast Demand										
RI FIRM NORM	4,099,260	3,625,179	2,094,475	1,194,666	865,943	721,936	746,580	910,538	1,661,700	15,920,277
Total Demand	4,099,260	3,625,179	2,094,475	1,194,666	865,943	721,936	746,580	910,538	1,661,700	15,920,277
Fuel Consumed										
Injection	0	0	8,875	8,875	8,875	8,875	8,875	8,875	8,875	62,127
Withdrawal	18,865	13,864	1,445	0	0	0	0	0	0	34,174
Total Fuel	18,865	13,864	10,320	8,875	8,875	8,875	8,875	8,875	8,875	96,301
Storage Injections										
TENN_8995	0	0	14,350	14,350	14,350	14,350	14,350	14,350	14,350	100,451
TENN_501	0	0	0	83,313	83,313	83,313	83,313	83,313	83,313	499,875
GSSTE_600003	0	0	115,666	115,666	115,666	115,666	115,666	115,666	115,666	809,662
GSSTE_600042	0	0	2,515	2,515	2,515	2,515	2,515	2,515	2,515	17,603
GSS_600018	0	0	24,276	24,276	24,276	24,276	24,276	24,276	24,276	169,933
GSS_300123	0	0	2,713	2,713	2,713	2,713	2,713	2,713	2,713	18,990
GSS_300140	0	0	19,806	19,806	19,806	19,806	19,806	19,806	19,806	138,645
GSS 300141	0	0	63,442	63,442	63,442	63,442	63,442	63,442	63,442	444,095
GSS 300142	0	0	9,127	9,127	9,127	9,127	9,127	9,127	9,127	63,888
GSS 300143	0	0	11,532	11,532	11,532	11,532	11,532	11,532	11,532	80,722
TETCO_400221	0	0	146,542	146,542	146,542	146,542	146,542	146,542	146,542	1,025,797
TETCO_400515	0	0	7,051	7,051	7,051	7,051	7,051	7,051	7,051	49,360
TETCO_400185	0	0	5,861	5,861	5,861	5,861	5,861	5,861	5,861	41,030
NF ESS 1488	0	0	4,596	4,596	4,596	4,596	4,596	4,596	4,596	32,173
COL FS 38010	0	0	26,280	26,280	26,280	26,280	26,280	26,280	26,280	183,957
LNG EXETER	0	0	0	0	20,800	5000	5000	5000	5000	40,600
LNG PROV	0	0	0	0	37,100	35000	35000	35000	35000	177,100
LNG VALLEY	0	0	0	0	15,000	15,000	15,000	8,000	8,000	61,000
Total Inj	0	0	453,758	537,071	609,771	592,071	592,071	585,071	585,071	3,954,881
Total Req Without Injection	4,118,125	3,639,043	2,104,795	1,203,541	874,818	730,811	755,455	919,413	1,670,575	16,016,578
Sources of Supply										
TENN_ZONE_0	83,076	91,977	89,010	91,977	89,010	91,977	91,977	89,010	91,977	809,993
TENN_ZONE_1	140,924	156,023	135,990	140,523	135,990	140,523	140,523	135,990	140,523	1,267,009
TENN_DRACUT	376,344	310,000	150,000	155,000	150,000	0	0	0	188,211	1,329,555
TENN_FIRM_SW	137,884	149,765	211,050	121,974	0	0	0	90,457	84,108	795,238
TETCO_STX	229,497	307,706	46,251	63,808	0	0	0	0	284,192	931,454
TETCO_ELA	315,351	230,036	223,853	230,036	223,853	146,622	121,516	116,278	231,264	1,838,809
TETCO_WLA	223,949	60,556	61,943	0	0	0	0	0	0	346,448
TETCO_ETX	250,012	231,384	123,742	146,145	16,112	109,234	173,915	198,066	226,846	1,475,456
M3 DELIVERED	0	0	0	0	0	0	0	0	0	0
MAUMEE_SUPP	677,770	735,773	560,078	0	0	0	0	0	0	1,973,621
BROADRUN_COL	37,259	0	0	0	0	0	0	0	0	37,259
COLUMBIA_AGT	0	0	0	0	0	0	0	0	0	0
NF_RES_PGC	0	1,701	0	0	0	0	0	0	0	1,701
DOMINION_B&W	0	17,443	0	0	0	0	0	0	0	17,443
DOMINION_PGC	0	0	0	0	0	0	0	0	0	0
TRANSOCO_DOM	3,780	3,375	0	0	0	0	0	0	0	7,155
TEXASGAS_DOM	21,168	23,436	0	0	0	0	0	0	0	44,604
ANE	28,000	31,000	30,000	31,000	30,000	31,000	31,000	30,000	31,000	273,000
BOUNDRY /NIAGARA	29,876	33,077	0	0	0	33,077	15,980	32,010	33,077	177,097
TENNESSEE SPOT	148,056	59,020	79,478	45,899	100,855	0	0	0	20,334	453,642
DYNEGY_B&W	83,132	92,039	70,960	41,300	25,500	25,500	25,500	25,260	45,243	434,434
DYNEGY 1	140,000	155,000	150,000	115,729	83,998	133,378	135,544	150,000	155,000	1,218,649
DYNEGY 2	64,400	71,300	20,705	0	0	0	0	32,842	71,300	260,547
DISTR_FCS_VG	126,068	164,300	60,000	0	0	0	0	0	48,000	398,368
WESTERLY_LNG	2,926	0	0	0	0	0	0	0	0	2,926
NEWPORT_LNG	110	0	0	0	0	0	0	0	0	110
Total Take	3,119,582	2,924,911	2,013,060	1,183,391	855,318	711,311	735,955	899,913	1,651,075	14,094,519
Storage Withdrawals										
TENN_8995	26,896	10,152	0	0	0	0	0	0	0	37,048
TENN_501	145,990	142,600	0	0	0	0	0	0	0	288,590
GSSTE_600003	96,022	155,713	72,235	0	0	0	0	0	0	323,970
GSSTE INCR	54,114	10,509	0	0	0	0	0	0	0	64,623
GSSTE_600042	5,320	3,209	0	0	0	0	0	0	0	8,529
GSS_600018	65,699	0	0	0	0	0	0	0	0	65,699
GSS_300123	5,908	0	0	0	0	0	0	0	0	5,908
GSS_300140	41,009	12,555	0	0	0	0	0	0	0	53,564
GSS 300141	152,544	21,789	0	0	0	0	0	0	0	174,333
GSS 300142	14,784	16,368	0	0	0	0	0	0	0	31,152
GSS 300143	23,800	4,222	0	0	0	0	0	0	0	28,022
TETCO_400221	227,009	292,224	0	0	0	0	0	0	0	519,233
TETCO_400515	14,160	9,146	0	0	0	0	0	0	0	23,306
TETCO_400185	12,998	998	0	0	0	0	0	0	0	13,996
NF ESS 1488	8,008	6,433	0	0	0	0	0	0	0	14,441
COL FS 38010	51,260	7,889	0	0	0	0	0	0	0	59,149
LNG EXETER	2,800	3,100	3,000	3,100	3,000	3,000	3,000	3,000	3,000	27,000
LNG PROV	34,224	15,675	15,000	15,500	15,000	15,000	15,000	15,000	15,000	155,399
LNG VALLEY	15,998	1,550	1,500	1,550	1,500	1,500	1,500	1,500	1,500	28,098
B&W PROPANE	0	0	0	0	0	0	0	0	0	0
VGC PROPANE	0	0	0	0	0	0	0	0	0	0
Total With	998,543	714,132	91,735	20,150	19,500	19,500	19,500	19,500	19,500	1,922,060
Total Supply	4,118,125	3,639,043	2,104,795	1,203,541	874,818	730,811	755,455	919,413	1,670,575	16,016,579

	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
TETCO ETX									
Delivered Mmbtu	250,012	231,384	123,742	146,145	16,112	109,234	173,915	198,066	226,846
Locked Volumes	250,012	231,384	123,742	146,145	16,112	67,060	64,894	4,304	57,585
NYMEX Volumes	0	0	0	0	0	42,174	109,021	193,762	169,261
Locked \$/Mmbtu	4.061	4.3144	4.1558	4.262	4.524	3.927	4.067	4.536	4.488
NYMEX \$/Mmbtu Del	6.2998	6.4880	6.0680	5.7615	5.6082	5.5371	5.4714	5.4002	5.3893
Delivered Cost Locked	1,015,324	998,292	514,245	622,870	72,891	263,345	263,924	19,523	258,441
Delivered Cost Nymex	0	0	0	0	0	233,520	596,496	1,046,360	912,196
Total Delivered Cost	1,015,324	998,292	514,245	622,870	72,891	496,865	860,420	1,065,883	1,170,637
Averager Delivered Unit Cost	4.0611	4.3144	4.1558	4.2620	3.7340	4.5486	4.9474	5.3815	5.1605
TETCO - NF									
Delivered Mmbtu	0	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6.4868	6.6781	6.2726	5.9589	5.8020	5.7292	5.6620	5.5892	5.5780
Delivered Cost	0	0	0	0	0	0	0	0	0
MS DELIVERED									
Delivered Mmbtu	0	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6.286	6.456	5.956	5.674	5.534	5.468	5.468	5.408	0
Delivered Cost	0	0	0	0	0	0	0	0	0
MAUMEE_SUPP									
Delivered Mmbtu	677,770	735,773	560,078	0	0	0	0	0	0
NYMEX Volumes	535,947	735,773	560,078	0	0	0	0	0	0
Daily priced	141,823	0	0	0	0	0	0	0	0
NYMEX \$/Mmbtu Del	6.6260	5.5016	5.1098	5.6624	5.5181	5.4511	5.3892	5.3222	5.3119
Daily priced wacog	6.3110	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Delivered Cost FOM and Locke	3,551,185	4,047,929	2,861,887	0	0	0	0	0	0
Delivered Cost Daily	895,045	0	0	0	0	0	0	0	0
Total Delivered Cost	4,446,230	4,047,929	2,861,887	0	0	0	0	0	0
BROADRUN_COL									
Delivered Mmbtu	37,259	0	0	0	0	0	0	0	0
Daily pricing wacog	6.1512	6.2454	5.9510	5.6624	5.5181	5.4511	5.3892	5.3222	0
Delivered Cost	229,187	0	0	0	0	0	0	0	0
COLUMBIA_AGT									
Delivered Mmbtu	0	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6.1512	6.2454	5.9510	5.6624	5.5181	5.4511	5.3892	5.3222	0
Delivered Cost	0	0	0	0	0	0	0	0	0
NF_RES_PGC									
Delivered Mmbtu	0	1,701	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6.5217	6.7120	6.3059	5.9948	5.8393	5.7670	5.7004	5.6281	0
Delivered Cost	0	11,417	0	0	0	0	0	0	0
DOMINION_B&W									
Delivered Mmbtu	0	17,443	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6.5771	6.7718	6.3474	6.0296	5.8707	5.7970	5.7289	5.6551	0
Delivered Cost	0	118,120	0	0	0	0	0	0	0
DOMINION_PGC									
Delivered Mmbtu	0	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6.687	6.430	6.130	5.837	5.690	5.622	5.560	5.491	0
Delivered Cost	0	0	0	0	0	0	0	0	0
TRANSCO TO DOMINION									
Delivered Mmbtu	3,780	3,375	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6.2945	6.4803	6.1649	5.8570	5.7031	5.6316	5.5656	5.4942	0
Delivered Cost	23,793	21,871	0	0	0	0	0	0	0
TEXAS GAS TO DOMINION									
Delivered Mmbtu	21,168	23,436	0	0	0	0	0	0	0
Delivered \$/Mmbtu	6.2402	6.4235	6.1427	5.8377	5.6851	5.6143	5.5489	5.4781	0
Delivered Cost	132,094	150,542	0	0	0	0	0	0	0
ANE TO TENNESSEE									
Delivered Mmbtu	28,000	31,000	30,000	31,000	30,000	31,000	31,000	30,000	31,000
Delivered \$/Mmbtu	4.4030	5.1780	4.9280	4.6480	4.5080	4.4430	4.3830	4.3180	4.3080
Delivered Cost	123,284	160,518	147,840	144,088	135,240	137,733	135,873	129,540	133,548

BOUNDRY (NIAGARA) TO TENNESSEE

	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Delivered Mmbtu Boundry	0	0	0	0	0	0	0	0	0
Delivered Mmbtu Niagara	29,876	33,077	0	0	0	33,077	15,980	32,010	33,077
Delivered \$/Mmbtu Boundary	0	0	0	0	0	0	0	0	0
Delivered \$/Mmbtu Niagara	6.1200	6.2880	5.7630	5.4830	5.3430	5.2780	5.2180	5.1530	5.1430
Delivered cost Boundry	0	0	0	0	0	0	0	0	0
Delivered Cost Niagara	182,841	207,988	0	0	0	174,580	83,384	164,948	170,115
Total Delivered cost	182,841	207,988	0	0	0	174,580	83,384	164,948	170,115

Tennessee Spot

Delivered Mmbtu	148,056	59,020	79,478	45,899	100,855	0	0	0	20,334
Locked Volumes	148056	0	0	0	0	0	0	0	0
Daily priced volumes	0	59,020	79,478	45,899	100,855	0	0	0	20,334
Locked Delivered \$/Mmbtu	4.061	0	0	0	0	0	0	0	0
Locked \$/Mmbtu	6.2177	6.4005	6.0495	5.7486	5.5982	5.5283	5.4639	5.3940	5.3833
Deliverd Cost Locked	601,270	0	0	0	0	0	0	0	0
Delivered cost Daily	0	377,760	480,799	263,855	564,604	0	0	0	109,464
Total Delivered Cost	601,270	377,760	480,799	263,855	564,604	0	0	0	109,464

DYNEGY TO DOMINION B & W

Delivered Mmbtu	83,132	92,039	70,960	41,300	25,500	25,500	25,500	25,260	45,243
Locked Volumes	80,965	92,039	70,960	30,098	10,320	0	0	0	0
NYMEX Volumes	2,167	0	0	11,202	15,180	25,500	25,500	25,260	45,243
Delivered locked \$/Mmbtu	4.061	4.3144	4.1558	4.2620	3.8805	0	0	0	0
NYMEX \$/Mmbtu Del	6.7252	6.9133	6.4837	6.1772	6.0240	5.9528	5.8871	5.8160	5.8050
Deliverd Cost Locked	328,807	397,097	294,894	128,278	40,047	0	0	0	0
Delivered Cost Nymex	14,573	0	0	69,197	91,444	151,797	150,122	146,914	262,637
Total Delivered Cost	343,380	397,097	294,894	197,475	131,491	151,797	150,122	146,914	262,637
	4.1305	4.3144	4.1558	4.7815	5.1565	5.9528	5.8871	5.8160	5.8050

DYNEGY TO VALLEY GAS

Delivered Mmbtu	140,000	155,000	150,000	115,729	83,997	133,378	135,544	150,000	155,000
Locked Volumes	140,000	155,000	150,000	115,729	83,997	133,378	135,544	150,000	155,000
NYMEX Volumes	0	0	0	0	0	0	0	0	0
Locked Delivered \$/Mmbtu	4.061	3.8125	3.5170	3.6870	3.7960	3.9270	4.0670	4.1900	4.2600
NYMEX \$/Mmbtu Del	6.2177	6.4005	6.0495	5.7486	5.5982	5.5283	5.4639	5.3940	5.3833
Deliverd Cost Locked	568,554	590,933	527,550	426,693	318,853	523,775	551,257	628,500	660,300
Delivered Cost Nymex	0	0	0	0	0	0	0	0	0
Total Delivered Cost	568,554	590,933	527,550	426,693	318,853	523,775	551,257	628,500	660,300
	4.0611	3.8125	3.5170	3.6870	3.7960	3.9270	4.0670	4.1900	4.2600

DYNEGY 2

Delivered Mmbtu	64,400	71,300	20,705	0	0	0	0	32,842	71,300
Locked Volumes	64,400	0	20,705	0	0	0	0	0	45,438
NYMEX Volumes	0	71,300	0	0	0	0	0	32,842	25,862
Delivered \$/Mmbtu	4.061	3.8125	3.5170	3.4840	3.4861	3.4719	3.6415	3.6576	4.2600
NYMEX \$/Mmbtu Del	6.218	6.401	6.049	5.749	5.598	5.528	5.464	5.394	5.383
Deliverd Cost Locked	261,535	0	72,819	0	0	0	0	0	193,566
Delivered Cost Nymex	0	456,359	0	0	0	0	0	177,150	139,222
Total Delivered Cost	261,535	456,359	72,819	0	0	0	0	177,150	332,788
	4.0611	6.4005	3.5170	3.718	3.753	3.785	3.809	5.3940	4.6674

DISTRIGAS FCS

Delivered Mmbtu	126,068	164,300	60,000	0	0	0	0	0	48,000
Delivered \$/Mmbtu	2.9710	2.8750	2.8750	2.8750	2.8750	2.8750	2.8750	2.8750	2.8750
Delivered Cost	374,548	472,363	172,500	0	0	0	0	0	138,000

	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
Total Pipeline Costs	16,184,974	14,078,982	9,339,703	5,154,991	3,904,717	3,076,792	3,303,428	4,455,296	8,017,707	67,516,589
Total Pipeline Volumes	3,116,546	2,924,911	2,013,060	1,183,391	855,318	711,311	735,955	899,913	1,651,075	14,091,483
WACOG	5.193	4.813	4.640	4.356	4.565	4.326	4.489	4.951	4.856	4.791

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PIPELINE FIXED COST DOLLARS	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
ALGONQUIN AFT-E/AFT-1 DEMAND	\$ 562,526	562,526	562,526	562,526	562,526	562,526	562,526	562,526	562,526	5,062,724
ALGONQUIN AFT-3 DEMAND	\$ 118,987	118,987	118,987	118,987	118,987	118,987	118,987	118,987	118,987	1,070,883
ALGONQUIN AFT-ES/1S DEMAND	\$ 9,554	9,554	9,554	9,554	9,554	9,554	9,554	9,554	9,554	85,988
TEXAS EASTERN STX CDS DEMAND Z3	\$ 94,195	94,195	94,195	94,195	94,195	94,195	94,195	94,195	94,195	847,751
TEXAS EASTERN WLA CDS DEMAND Z3	\$ 44,429	44,429	44,429	44,429	44,429	44,429	44,429	44,429	44,429	399,862
TEXAS EASTERN ELA CDS DEMAND Z3	\$ 56,425	56,425	56,425	56,425	56,425	56,425	56,425	56,425	56,425	507,827
TEXAS EASTERN ETX CDS DEMAND Z3	\$ 17,501	17,501	17,501	17,501	17,501	17,501	17,501	17,501	17,501	157,509
TETCO M1 TO M3 DEMAND Z3	\$ 493,377	493,377	493,377	493,377	493,377	493,377	493,377	493,377	493,377	4,440,394
TETCO SCT DEMAND 1-3	\$ 8,992	8,992	8,992	8,992	8,992	8,992	8,992	8,992	8,992	80,929
TETCP SCT DEMAND 1-2	\$ 4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	43,380
TEXAS EASTERN FT5 DEMAND	\$ 22,993	22,993	22,993	22,993	22,993	22,993	22,993	22,993	22,993	206,939
TENNESSEE FT-A DEMAND ZONE 0 TO 6	\$ 156,948	156,948	156,948	156,948	156,948	156,948	156,948	156,948	156,948	1,412,536
TENNESSEE FT-A DEMAND ZONE 1 TO 6	\$ 302,526	302,526	302,526	302,526	302,526	302,526	302,526	302,526	302,526	2,722,730
TENNESSEE DRACUT	\$ 48,150	48,150	48,150	48,150	48,150	48,150	48,150	48,150	48,150	433,360
TENNESSEE FT-A DEMAND ZONE 4 TO 6	\$ 30,769	30,769	30,769	30,769	30,769	30,769	30,769	30,769	30,769	302,198
TENNESSEE FT-A DEMAND ZONE 5 TO 6	\$ 5,314	5,314	5,314	5,314	5,314	5,314	5,314	5,314	5,314	47,823
CGTNE	\$ 7,229	7,229	7,229	7,229	7,229	7,229	7,229	7,229	7,229	65,063
NETNE	\$ 10,676	10,676	10,676	10,676	10,676	10,676	10,676	10,676	10,676	96,084
IROQUOIS	\$ 7,817	7,817	7,817	7,817	7,817	7,817	7,817	7,817	7,817	70,349
DOMINION FTNN DEMAND	\$ 20,698	20,698	4,943	4,943	4,943	4,943	4,943	4,943	4,943	75,999
TRANSCO DEMAND ZONE 2 TO 6	\$ 1,655	1,655	1,655	1,655	1,655	1,655	1,655	1,655	1,655	14,896
TRANSCO DEMAND ZONE 3 TO 6	\$ 34	34	34	34	34	34	34	34	34	302
TRANSCO DEMAND ZONE 6	\$ 2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,774	2,774	24,969
NATIONAL FUEL DEMAND	\$ 3,391	3,391	3,391	3,391	3,391	3,391	3,391	3,391	3,391	30,523
COLUMBIA FTS DEMAND	\$ 295,407	295,407	295,407	295,407	295,407	295,407	295,407	295,407	295,407	2,658,666
TEXAS GAS DEMAND	\$ 6,904	7,380	7,142	7,380	7,142	7,380	7,380	7,142	7,380	65,231
TOTAL PIPELINE DEMAND COSTS	2,334,091	2,334,567	2,318,574	2,318,813	2,318,574	2,318,813	2,318,813	2,318,574	2,344,087	20,924,907
SUPPLIER FIXED COST DOLLARS										
BOUNDRY	\$ 0	0	0	0	0	0	0	0	0	0
BOUNDRY OPS DEMAND	\$ 0	0	0	0	0	0	0	0	0	0
ANE	\$ 26,779	26,779	26,779	26,779	26,779	26,779	26,779	26,779	26,779	241,011
ANE OPS DEMAND	\$ 39	39	39	39	39	39	39	39	39	364
BP	\$ 31,650	34,875	33,750	34,875	33,750	34,875	34,875	33,750	33,750	306,150
NATIONAL FUEL RESOURCES	\$ 945	945	945	945	945	945	945	945	945	8,505
NATIONAL FUEL RESOURCES	\$ 126	126	126	126	126	126	126	126	126	1,134
DYNEGY	\$ 5,110	5,658	5,475	5,658	5,475	5,658	5,658	5,475	5,475	49,640
DYNEGY B&W	\$ 2,100	2,325	2,250	2,325	2,250	2,325	2,325	2,250	2,250	20,400
DISTRIGAS FCS	\$ 141,113	141,113	141,113	141,113	141,113	141,113	141,113	141,113	141,113	1,270,013
TOTAL SUPPLIER DEMAND COSTS	207,862	211,859	210,477	211,859	210,477	211,859	211,859	210,477	210,477	1,897,206
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	726,704
TEXAS EASTERN SS-1 CAPACITY	\$ 13,361	13,361	13,361	13,361	13,361	13,361	13,361	13,361	13,361	120,252
TEXAS EASTERN FSS-1 DEMAND	\$ 847	847	847	847	847	847	847	847	847	7,621
TEXAS EASTERN FSS-1 CAPACITY	\$ 610	610	610	610	610	610	610	610	610	5,493
DOMINION GSS DEMAND	\$ 21,771	21,771	21,771	21,771	21,771	21,771	21,771	21,771	21,771	195,939
DOMINION GSS CAPACITY	\$ 15,070	15,070	15,070	15,070	15,070	15,070	15,070	15,070	15,070	135,629
DOMINION GSS-TE DEMAND	\$ 26,952	26,952	26,952	26,952	26,952	26,952	26,952	26,952	26,952	242,566
DOMINION GSS-TE CAPACITY	\$ 19,957	19,957	19,957	19,957	19,957	19,957	19,957	19,957	19,957	179,610
TENNESSEE FSMA DEMAND	\$ 24,344	24,344	24,344	24,344	24,344	24,344	24,344	24,344	24,344	219,099
TENNESSEE FSMA CAPACITY	\$ 15,084	15,084	15,084	15,084	15,084	15,084	15,084	15,084	15,084	135,765
COLUMBIA FSS DEMAND	\$ 3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	3,838	34,541
COLUMBIA FSS CAPACITY	\$ 5,915	5,915	5,915	5,915	5,915	5,915	5,915	5,915	5,915	53,233
NATIONAL FUEL ESS DEMAND	\$ 610	610	610	610	610	610	610	610	610	5,494
NATIONAL FUEL ESS CAPACITY	\$ 1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	16,204
LNG TRUCKING DEMAND CHARGES	\$ 25,200	0	0	0	0	0	0	0	0	25,200
ALGONQUIN TANK LEASE PAYMENTS	\$ 157,500	157,500	157,500	157,500	157,500	157,500	157,500	157,500	157,500	1,417,500
TOTAL STORAGE DEMAND COSTS	413,604	388,404	388,404	388,404	388,404	388,404	388,404	388,404	388,404	3,520,840
STORAGE DELIVERY FIXED COST \$										
ALGONQUIN FOR TETCO SS-1	\$ 92,123	92,123	92,123	92,123	92,123	92,123	92,123	92,123	92,123	829,108
ALGONQUIN DELIVERY FOR FSS-1	\$ 6,151	6,151	6,151	6,151	6,151	6,151	6,151	6,151	6,151	55,367
TETCO DELIVERY FOR FSS-1	\$ 4,916	4,916	4,916	4,916	4,916	4,916	4,916	4,916	4,916	44,247
ALGONQUIN SCT FOR SS-1	\$ 1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	16,311
ALGONQUIN DELIVERY FOR GSS, GSS-TE,	\$ 73,908	73,908	73,908	73,908	73,908	73,908	73,908	73,908	73,908	665,171
ALGONQUIN DELIVERY FOR GSS CONVERSION	\$ 20,168	20,168	20,168	20,168	20,168	20,168	20,168	20,168	20,168	181,509
TENNESSEE DELIVERY FOR GSS	\$ 39,947	39,947	8,322	8,322	8,322	8,322	8,322	8,322	8,322	138,147
TENNESSEE DELIVERY FOR FSMA	\$ 25,275	25,275	25,275	25,275	25,275	25,275	25,275	25,275	25,275	227,472
TETCO DELIVERY FOR GSS	\$ 14,004	14,004	14,004	14,004	14,004	14,004	14,004	14,004	14,004	126,032
TETCO DELIVERY FOR GSS-TE	\$ 3,538	3,538	3,538	3,538	3,538	3,538	3,538	3,538	3,538	31,841
TETCO DELIVERY FOR GSS-TE	\$ 34,396	34,396	34,396	34,396	34,396	34,396	34,396	34,396	34,396	309,560
TETCO DELIVERY FOR GSS CONVERSION	\$ 10,674	10,674	10,674	10,674	10,674	10,674	10,674	10,674	10,674	96,065
DOMINION DELIVERY FOR GSS	\$ 29,308	29,308	0	0	0	0	0	0	0	56,615
DOMINION DELIVERY FOR GSS CONVERSION	\$ 11,345	11,345	11,345	11,345	11,345	11,345	11,345	11,345	11,345	102,109
ALGONQUIN DELIVERY FOR FSS	\$ 16,582	16,582	16,582	16,582	16,582	16,582	16,582	16,582	16,582	149,238
COLUMBIA DELIVERY FOR FSS	\$ 15,407	15,407	7,701	7,701	7,701	7,701	7,701	7,701	7,701	84,720
NATIONAL FUEL DELIVERY FOR ESS	\$ 1,017	1,017	1,017	1,017	1,017	1,017	1,017	1,017	1,017	9,151
TRANSCO DELIVERY FOR ESS	\$ 832	832	832	832	832	832	832	832	832	7,485
ALGONQUIN DELIVERY FOR ESS	\$ 753	753	753	753	753	753	753	753	753	6,780
STORAGE DELIVERY FIXED COST \$	402,165	402,155	333,516	333,516	333,516	333,516	333,516	333,516	333,516	3,138,919
TOTAL ALL DEMAND COSTS	3,357,712	3,336,988	3,250,971	3,252,592	3,250,971	3,252,592	3,252,592	3,250,971	3,276,484	29,481,872

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Marketer Demand Charge Credits										
Capacity Release Volumes										
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total
Tennessee	Dth 2,814	2,814	2,814	2,814	2,814	2,814	2,814	2,814	2,814	2,814
Algonquin	Dth 2,714	2,714	2,714	2,714	2,714	2,714	2,714	2,714	2,714	2,714
Tetco STX/AGT	Dth 4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044	4,044
Tetco WLA/AGT	Dth 3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Tetco ELA/AGT	Dth 5,442	5,442	5,442	5,442	5,442	5,442	5,442	5,442	5,442	5,442
Columbia/Downington	Dth 3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Total	21,014	21,014	21,014	21,014	21,014	21,014	21,014	21,014	21,014	21,014
Avg Cost per Dth of MDQ										
	\$/Dth 15.634	15.634	15.634	15.634	15.634	15.634	15.634	15.634	15.634	15.634
Total Demand Charge Credit										
	\$ 328,526	328,526	328,526	328,526	328,526	328,526	328,526	328,526	328,526	2,956,735
TOTAL PIPELINE DEMANDS										
	\$ 2,334,091	2,334,667	2,318,574	2,318,813	2,318,574	2,318,813	2,318,813	2,318,574	2,344,087	20,924,907
TOTAL SUPPLIER DEMANDS										
	\$ 207,862	211,859	210,477	211,859	210,477	211,859	211,859	210,477	210,477	1,897,206
TOTAL STORAGE FACILITIES										
	\$ 413,604	388,404	388,404	388,404	388,404	388,404	388,404	388,404	388,404	3,520,840
TOTAL STORAGE DELIVERY										
	\$ 402,155	402,155	333,516	333,516	333,516	333,516	333,516	333,516	333,516	3,138,919
Total All Demands	\$ 3,357,712	3,336,986	3,250,971	3,252,592	3,250,971	3,252,592	3,252,592	3,250,971	3,276,484	29,481,872
Total Credits From Releases to Marketers										
	\$ 328,526	328,526	328,526	328,526	328,526	328,526	328,526	328,526	328,526	2,956,735
Capacity Release Revenue										
	\$ 140,000	140,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	980,000
Demand Net of Capacity Releases	\$ 2,889,186	2,868,459	2,822,445	2,824,066	2,822,445	2,824,066	2,824,066	2,822,445	2,847,958	25,545,136

TWENTY FOUR MONTH NYMEX BENCHMARK TABLE

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Nymex Brenchmark 24 month
Based on 2/06/03 Closing

	Month	Close
1	Jun-03	5.158
2	Jul-03	5.093
3	Aug-03	5.033
4	Sep-03	4.968
5	Oct-03	4.958
6	Nov-03	5.083
7	Dec-03	5.203
8	Jan-04	5.273
9	Feb-04	5.133
10	Mar-04	4.905
11	Apr-04	4.455
12	May-04	4.270
13	Jun-04	4.220
14	Jul-04	4.220
15	Aug-04	4.223
16	Sep-04	4.196
17	Oct-04	4.210
18	Nov-04	4.390
19	Dec-04	4.570
20	Jan-05	4.625
21	Feb-05	4.548
22	Mar-05	4.330
23	Apr-05	4.050
24	May-05	3.905