STATE OF NEW HAMPSHIRE BEFORE THE PUBLIC UTILITIES COMMISSION

EnergyNorth Natural Gas, Inc. d/b/a National Grid NH

Summer 2009 Cost of Gas DG 09-____

Prefiled Testimony of Ann E. Leary

March 16, 2009

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1	Q.	Ms. Leary, please state your full name and business address.
2	A.	My name is Ann E. Leary. My business address is 201 Jones Road, Waltham,
3		Massachusetts 02451.
4		
5	Q.	Please state your position with National Grid NH ("National Grid" or the
6		"Company").
7	A.	I am the Manager of Pricing-New England for the regulated gas companies including
8		EnergyNorth Natural Gas, Inc. d/b/a National Grid NH.
9		
10	Q.	How long have you been employed by National Grid or its affiliates and in what
11		capacities?
12	A.	In 1985, I joined the Essex County Gas Company as Staff Engineer. In 1987, I became a
13		planning analyst and later became the Manager of Rates. Following the acquisition of
14		Essex County Gas Company by Eastern Enterprises in 1998, I became Manager of Rates
15		for Boston Gas Company and then subsequently for KeySpan Energy Delivery New
16		England after Eastern was acquired by KeySpan Corporation. Since the acquisition of
17		EnergyNorth Natural Gas, Inc. by KeySpan Corporation, I have been responsible for
18		rates related matters for National Grid NH as well. My responsibilities remained the
19		same following the acquisition of KeySpan by National Grid.

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ı	O.	What do your responsibilities as	s Manager (ot Pricing-	New E	ngland	includ	.e?

2 A. As the Manager of Pricing-New England, I am responsible for preparing and submitting 3 various regulatory filings with both the New Hampshire Public Utilities Commission and 4 the Massachusetts Department of Public Utilities on behalf of the Company's New 5 England local distribution companies, including Boston Gas Company, Essex Gas 6 Company, Colonial Gas Company, and National Grid NH.. This includes Cost of Gas 7 ("COG") filings, Local Distribution Adjustment Charge ("LDAC") filings and 8 reconciliations, energy conservation, performance-based revenue calculations, lost-base 9 revenues, and exogenous cost filings.

10

11

Q. Please summarize your educational background.

12 A. I received a Bachelor of Science in Mechanical Engineering from Cornell University in 1983.

14

15

Q. Have you previously testified in regulatory proceedings?

16 A. I have testified in a number of regulatory proceedings before Commission and the
17 Massachusetts Public Utilities on a variety of rate matters that include cost allocation
18 studies, rate design, cost of gas adjustment clause proposals, and exogenous cost filings.

19

20 Q. What is the purpose of your testimony?

A. The purpose of my testimony is to explain the Company's proposed firm sales cost of gas rates for the 2009 Summer (Off Peak) Period to be effective beginning May 1, 2009.

COST OF GAS FACTOR

3 Q. What are the proposed 2009 summer firm sales cost of gas rates?

Proposed Seventy-Eighth Revised Page 84.

A. The Company proposes a firm sales cost of gas rate of \$0.6722 per therm for residential customers, \$0.6707 per therm for commercial/industrial low winter use customers, and \$0.6727 per therm for commercial/industrial high winter use customers as shown on

A.

Q. Would you please explain tariff page Proposed Sixteenth Revised Page 83 and Proposed Seventy-Eighth Revised Page 84?

Proposed Sixteenth Revised Page 83 and Proposed Seventy-Eighth Revised Page 84 contain the calculation of the 2009 Summer Period Cost of Gas Rate and summarize the Company's forecast of firm gas sales, firm gas sendout and gas costs. For example, Proposed Seventy-Eighth Revised Page 84 shows that the 2009 Average Cost of Gas of \$0.6722 per therm is derived by adding the Direct Cost of Gas Rate of \$0.6631 per therm to the Indirect Cost of Gas Rate of \$0.0091 per therm. The estimated total Anticipated Direct Cost of gas is \$15,184,286 and the estimated Indirect Cost of Gas is \$207,480. The Direct Cost of Gas Rate and the Indirect Cost of Gas Rates are determined by dividing each of these total cost figures by the projected firm sales volumes of 22,899,858 therms. Proposed Seventy-Eighth Revised Page 84 further shows that the Residential Cost of Gas Rate, \$0.6722 per therm, is equal to the Average Cost of Gas for all firm sales customers. It also shows the calculation of the Commercial/Industrial Low

1		Winter Use Cost of Gas Rate, \$0.6707 per therm, an	d the Commercial/Industrial High
2		Winter Use Cost of Gas Rate, \$0.6727 per therm.	
3			
4		The calculation of the Anticipated Direct Cost of Ga	s is shown on Proposed Sixteenth
5		Revised Page 83. To derive the total Anticipated Dire	ect Cost of Gas of \$15,184,286 the
6		Company starts with the Unadjusted Anticipated Cos	t Of Gas of \$17,020,073 and adds
7		the Net Adjustment totaling \$(1,835,787) (\$17,020,073	5 + (1,835,787) = 15,184,286.
8			
9	Q.	What are the components of the Unadjusted Anticip	oated Cost of Gas?
10	A.	The Unadjusted Anticipated Cost of Gas consists of the	e following:
11		1. Purchased Gas Demand Costs	\$3,059,784
12		2. Purchased Gas Supply Costs	11,690,508
13		3. Produced Gas Cost	70,881
14		4. Hedged Contract Savings	<u>2,198,899</u>
15		Total Unadjusted Anticipated Cost of Gas	\$17,020,073
16			
17	Q.	What are the components of the allowable adjustme	ents to the cost of gas?
18	A.	The Adjustments to gas costs, listed on Proposed S	Sixteenth Revised Page 83 are as
19		follows:	

1	1	. Prior Period (Over)/Under Collectio	n \$(1,969,485)
2	2	. Interest	(28,902)
3	3	. Prior Period Adjustment	<u>162,600</u>
4	Т	Cotal Adjustments	\$(1,835,787)
5			
6	Q. Please b	riefly discuss the status of prices in the	gas commodity market that provides
7	the basis	s for your initial cost of gas rate for the S	Summer Period.
8	A. As of M	arch 10 2009, the six-month NYMEX futu	ares price strip for the 2009 summer is
9	\$0.4472	per therm. The NYMEX strip for this s	summer reflects current and projected
10	market c	conditions in the gas industry nationally.	The current COG reflects a dramatic
11	decrease	from 2008 primarily resulting from the	current state of the economy and its
12	impact o	n energy prices.	
12 13	impact o	n energy prices.	
	•	n energy prices. es the proposed average cost of gas rate	e in this filing compare to the initial
13	Q. How do		_
13 14	Q. How do	es the proposed average cost of gas rate	the 2008 Summer Period?
13 14 15	Q. How doo cost of g A. The cost	es the proposed average cost of gas rate approved by the Commission for	the 2008 Summer Period? 48 per therm lower than the initial rate
13 14 15 16	Q. How doe cost of g A. The cost approved	es the proposed average cost of gas rate as rate approved by the Commission for of gas rate proposed in this filing is \$0.51	the 2008 Summer Period? 48 per therm lower than the initial rate er Period (\$0.6722 vs. \$1.1870). This
13 14 15 16 17	Q. How doe cost of g A. The cost approved \$0.5148	es the proposed average cost of gas rate as rate approved by the Commission for of gas rate proposed in this filing is \$0.51 d by the Commission for the 2008 Summe	the 2008 Summer Period? 48 per therm lower than the initial rate er Period (\$0.6722 vs. \$1.1870). This 956 per therm decrease in gas costs, a
13 14 15 16 17 18	Q. How doe cost of g A. The cost approved \$0.5148 \$0.0312	es the proposed average cost of gas rate as rate approved by the Commission for of gas rate proposed in this filing is \$0.51 d by the Commission for the 2008 Summer per therm decrease is the result of a \$0.3	the 2008 Summer Period? 48 per therm lower than the initial rate er Period (\$0.6722 vs. \$1.1870). This 956 per therm decrease in gas costs, a and a \$0.0880 per therm decrease in
13 14 15 16 17 18	Q. How doe cost of g A. The cost approved \$0.5148 \$0.0312 prior per	es the proposed average cost of gas rate as rate approved by the Commission for of gas rate proposed in this filing is \$0.51 d by the Commission for the 2008 Summer per therm decrease is the result of a \$0.3 per therm decrease in indirect gas costs,	the 2008 Summer Period? 48 per therm lower than the initial rate er Period (\$0.6722 vs. \$1.1870). This 956 per therm decrease in gas costs, a and a \$0.0880 per therm decrease in ated interest. The \$0.3956 per therm

per therm decrease in indirect gas costs is a result of a reduction in both gas cost and the percentages used to calculate working capital and bad debt.

A.

Q. What was the actual weighted average firm sales cost of gas rate for the 2008 Summer

Period?

The weighted average cost of gas rate for the 2008 Summer Period was approximately \$1.2646 per therm. This was determined by applying the actual monthly cost of gas rates for May 2008 through October 2008 to the monthly therm usage of a typical residential heating customer using 1,250 therms per year, or 318 therms for the six summer period months, for heat, hot water and cooking.

PRIOR PERIOD OVER COLLECTION

13 Q. Please explain the prior period over collection of \$(1,969,485).

The prior period over collection is detailed in the 2008 Summer Period Reconciliation Analysis included in Tab 14 of this filing. Over the 2008 Summer Period, allowable gas costs of \$24,246,973 plus the prior Summer Period under collection of \$148,457 was less than the Gas Cost Revenue of \$26,364,916 by \$(1,969,485). The net result is an ending over collection balance of \$(1,969,485) as of November 1, 2008 as shown on the 2008 Summer Period Reconciliation Analysis. Comparing the actual revenues billed and the gas costs incurred to those that the Company projected in its initial 2008 Summer Period Cost of Gas filing, the over recovery of \$(1,969,485) is the net result of the following: (i) a \$128 and \$7,337 decrease to interest; (ii) a \$4,631,237 decrease in actual gas costs compared to

projections; and (iii) the \$2,669,216 reduction in gas cost revenue billed compared to projections.

A.

Q. Please explain why the Company experienced a \$1.9 million over collection in its 2008

Off Peak Gas cost Reconciliation Filing.

During the 2008 Summer Period, gas prices were extremely volatile. NYMEX prices ranged from a high of \$13.72/Dktherm to a low of \$7.25/Dktherm. On June 13, 2008, the Company filed a revised summer COG filing to reflect the increasing cost of gas. This filing reset the twenty percent maximum and minimum COG allowed without regulatory approval. The revised filing was approved by the Commission in Docket DG 07-129 Order No. 24, 881, dated July 31, 2008. Soon after submitting the revised filing the NYMEX futures prices dropped dramatically to the \$7.25/Dktherm price range. The Company responded by reducing its COG factor to the minimum allowed but due to timing constraints was not able to make another revised COG filing to reduce the COG to the level needed to avoid an over collection.

CUSTOMER BILL IMPACTS

Q. What is the estimated impact of the proposed firm sales cost of gas rate on an average heating customer's seasonal bill as compared to the rates in effect last year?
A. The bill impact analysis is presented in Tab 8, Schedule 8 of this filing. Please note that these bill impacts include the increase resulting from the implementation of the

temporary base distribution rates approved in Order No. 24,888 in docket DG 08-009. The total bill impact for a typical residential heating customer is a decrease of approximately \$174, or 32% of which \$186 or 46.3% is from the decrease in the COG and LDAC as compared to the average COG and LDAC for 2008 summer season, offset by a \$12 or 8.8% increase resulting from the implementation of temporary base rates. The total bill impact for a typical commercial/industrial G-41 customer is an decrease of approximately \$309, or 30.0% of which \$334 or 45.8% is from the decrease in the COG and LDAC as compared to the average COG and LDAC for 2008 summer season, offset by a \$26 or 8.6% increase resulting from the implementation of temporary base rates. Schedule 8 of this filing provides more detail of the impact of the proposed rate adjustments on heating customers.

HEDGING

- Q. Please explain how the Company proposes to change the way it recognizes the gains and/or losses associated with underground storage hedges.
- 16 A. Currently the Company records the underground storage hedging gains or losses as part
 17 of its underground storage inventory account thus impacting the average underground
 18 storage unit pricing. The Company is proposing to change this process and to book the
 19 underground storage hedging gain/loss to a separate deferred account and then amortize
 20 this amount over the winter months based on the projected monthly underground storage
 21 withdrawals contained in the Peak COG filing. Therefore the underground storage
 22 hedge gains or losses will be recovered during one heating season.

A.

Q. Why is the Company proposing this change?

In DG 08-106, the Company agreed with staff that it is appropriate, where possible, to recover gas costs in the period in which they are incurred. Under the existing methodology for recording hedge gain/loss, if the Company does not use all the underground storage over the course of a winter period, the Company will not recover the total hedge gain/loss in that winter season. Rather, the hedge gain/loss will be reflected in the underground storage unit price and therefore will not be recovered until the following peak season. Under the Company's proposed policy, the underground storage hedge gain /loss will be recovered from customers during the current winter period. This proposed change is consistent with the methodology used for all other National Grid companies.

OTHER ISSUES

A.

Q. Have the Company and Staff resolved the issue of how the Company accounts for occupant billings in its gas cost reconciliation filing?

Yes, the Company, and Staff, along with the Office of the Consumer Advocate have resolved the issue of occupant account billings in gas cost reconciliation filings that was left open from prior cost of gas dockets DG 07-129. A Settlement agreement has been executed and will be filed separately along with a joint statement in support by the parties.

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2		LOCAL DISTRIBUTION ADJUSTMENT CHARGE
3	Q.	Is the Company proposing any changes to the Local Distribution Adjustment
4		Charge in this filing?
5	A.	The Company is not proposing any changes to the LDAC in this filing. The LDAC is
6		typically adjusted as part of the winter period cost of gas proceeding.
7		
8	Q.	Does this conclude your testimony?
9	A.	Yes, it does.

STATE OF NEW HAMPSHIRE BEFORE THE PUBLIC UTILITIES COMMISSION

EnergyNorth Natural Gas, Inc. d/b/a National Grid NH

Summer 2009 Cost of Gas DG 09-___

Prefiled Testimony of Theodore Poe, Jr.

March 16, 2009

1	Q.	Please state your name, address and position with National Grid NH
2	A.	My name is Theodore Poe, Jr. My business address is 201 Jones Road, Waltham,
3		Massachusetts 02451. My title is Lead Analyst.
4		
5	Q.	Please summarize your educational background, and your business and professional
6		experience.
7	A.	I graduated from the Massachusetts Institute of Technology in 1978 with a Bachelor of
8		Science Degree in Geology. From 1981 to 1989, I worked as a Research Associate with
9		Jensen Associates, Inc. of Boston where I was responsible for the development of a
10		variety of computer forecasting models of natural gas supply and demand for interstate
11		pipeline and local distribution companies. In 1989, when I joined Boston Gas Company,
12		I was responsible for modeling and forecasting the natural gas resource requirements of
13		its customers. Since 1998, I have assumed the added responsibilities of forecasting the
14		requirements of Essex Gas Company, Colonial Gas Company and EnergyNorth Natural
15		Gas, Inc. d/b/a National Grid NH.
16		
17	Q.	Are you a member of any professional organizations?
18	A.	I am a member of the Northeast Gas Association, the New England-Canada Business
19		Council and the American Meteorological Society.
20		

1	Q.	Have you previously testified in regulatory proceedings?
2	A.	Yes, I have testified in a number of proceedings before the Commonwealth of
3		Massachusetts Department of Telecommunications and Energy and the State of New
4		Hampshire Public Utilities Commission.
5		
6	Q.	What is the purpose of your testimony in this proceeding?
7	A.	The purpose of my testimony is to summarize the gas supply and transportation portfolio
8		and the forecasted sendout requirements for EnergyNorth Natural Gas, Inc. (the
9		"Company") for the 2009 off-peak season. This information is provided in significantly
10		more detail in the schedules that the Company is filing.
11		
12	Q.	Would you describe the transportation contract portfolio that the Company now
12 13	Q.	Would you describe the transportation contract portfolio that the Company now holds?
	Q. A.	
13		holds?
13 14		holds? The Company currently holds contracts on Tennessee Gas Pipeline (76,833 MMBtu/day)
131415		holds? The Company currently holds contracts on Tennessee Gas Pipeline (76,833 MMBtu/day) and Portland Natural Gas Transmission (1,000 MMBtu/day) to provide a daily
13 14 15 16		holds? The Company currently holds contracts on Tennessee Gas Pipeline (76,833 MMBtu/day) and Portland Natural Gas Transmission (1,000 MMBtu/day) to provide a daily deliverability of 77,833 MMBtu/day to its city gate stations. Schedule 12, Page 1, in the
13 14 15 16 17		holds? The Company currently holds contracts on Tennessee Gas Pipeline (76,833 MMBtu/day) and Portland Natural Gas Transmission (1,000 MMBtu/day) to provide a daily deliverability of 77,833 MMBtu/day to its city gate stations. Schedule 12, Page 1, in the Company's filing is a schematic diagram of these contracts, and Schedule 12, Page 2, is a
13 14 15 16 17		holds? The Company currently holds contracts on Tennessee Gas Pipeline (76,833 MMBtu/day) and Portland Natural Gas Transmission (1,000 MMBtu/day) to provide a daily deliverability of 77,833 MMBtu/day to its city gate stations. Schedule 12, Page 1, in the Company's filing is a schematic diagram of these contracts, and Schedule 12, Page 2, is a table listing these contracts. These contracts provide delivery of natural gas from three
13 14 15 16 17 18		holds? The Company currently holds contracts on Tennessee Gas Pipeline (76,833 MMBtu/day) and Portland Natural Gas Transmission (1,000 MMBtu/day) to provide a daily deliverability of 77,833 MMBtu/day to its city gate stations. Schedule 12, Page 1, in the Company's filing is a schematic diagram of these contracts, and Schedule 12, Page 2, is a table listing these contracts. These contracts provide delivery of natural gas from three

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- The Company can receive up to 4,000 MMBtu/day of firm Canadian supply from Dawn, Ontario. This supply is delivered to the Company on Company-held transportation contracts on Union Gas, TransCanada, Iroquois Gas Transmission System, and Tennessee Gas Pipeline.
- The Company can receive up to 3,122 MMBtu/day of firm Canadian supply from the Canadian/New York border. This supply is transported on Company-held transportation contracts on Tennessee Gas Pipeline for delivery.
 - The Company can receive up to 1,000 MMBtu/day of firm Canadian supply from a
 Company-held transportation contract on Portland Natural Gas Transmission for
 delivery to its Berlin division.

12

13

14

Second, the Company holds the following contracts to allow for delivery of up to 41,596 MMBtu/day of domestic supply from the producing and market areas within the United States.

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16

17

18

- The Company can receive up to 21,596 MMBtu/day of firm domestic supplies from
 Texas and Louisiana production areas. These supplies are delivered to the Company
 on transportation contracts on Tennessee Gas Pipeline.
- The Company can receive up to 20,000 MMBtu/day of firm supply from Tennessee's
 Dracut meter in Dracut, MA. This supply is delivered to the Company on a
 transportation contract on Tennessee Gas Pipeline.

1		Third, the Company holds the following contracts to allow for delivery of up to 28,115
2		MMBtu/day of domestic supply from underground storage fields in the New
3		York/Pennsylvania area.
4		
5		• The Company can receive up to 19,076 MMBtu/day of firm domestic supplies
6		from its Tennessee Gas Pipeline FS-MA storage contract. This contract allows
7		for a storage capacity of 1,560,391 MMBtu. These supplies are delivered to the
8		Company on a transportation contract on Tennessee Gas Pipeline.
9		• The Company can receive up to 9,039 MMBtu/day of firm domestic supplies
10		from its storage contracts with National Fuel Gas, Honeoye and Dominion. In
11		aggregate, these contracts allow for a storage capacity of 1,019,740 MMBtu.
12		These supplies are delivered to the Company on a transportation contract on
13		Tennessee Gas Pipeline.
14		
15	Q.	Have there been any changes in the transportation contract portfolio that the
16		Company now holds since the Company filed its 2008 Off Peak (Summer) Period
17		Cost Of Gas Filing?
18	A.	No, there have been none.
19		

1	Q.	Would you describe the source of gas supplies used with these transportation
2		contracts?
3	A.	The transportation contracts associated with the Canadian supplies receive firm supplies
4		from both Eastern and Western Canada. The supplies associated with the Company's
5		domestic transportation contracts are firm supplies that the Company purchases primarily
6		in the U.S. Gulf Coast.
7		
8		The Company has a supply contract with BP Gas & Power Ltd, which began on April 1,
9		2007, to purchase of up to 3,122 MMBtu per day at Niagara. This is a five-year contract
10		that allows the Company monthly nomination flexibility and market-based pricing.
11		
12		On February 10 th , 2009, the Company, as a member of the NEGM (Northeast Gas
13		Markets) consortium, issued a Request For Proposal ("RFP") for up to 4,000 MMBtu/day
14		of supply for its transportation capacity from Dawn, Ontario during the 2009 off-peak
15		period. From that RFP, the Company secured 4,000 MMBtu/day of baseload supply for
16		April through October 2009 with Nexen Marketing that will be priced at the monthly
17		NYMEX settlement price plus an index.
18		
19		Lastly, the Company holds its citygate-delivered supply contract with Virginia Power
20		Energy Marketing ("VPEM") that provides the Company with a maximum daily quantity
21		(MDQ) of 8,000 MMBtu/day and an annual contract quantity (ACQ) of 1,208,000
22		MMBtu/year. This contract will terminate on October 31 st , 2009.

1		
2		Otherwise, the Company plans to follow its traditional supply purchasing practices to
3		refill its underground storage field capacity and to provide for any other supply
4		requirements of its customers.
5		
6	Q.	Have there been any changes in the supply contract portfolio that the Company now
7		holds since the Company submitted its 2008 Off Peak Cost Of Gas Filing?
8	A.	Yes. The contract with VPEM that I described above has a term of November 1, 2008 -
9		October 31, 2009. It was a replacement contract for the previous Distrigas supply
10		contract that was a contract of equivalent volume, which expired on October 31, 2008. I
11		had previously described this contract in Docket DG 08-106, the Company's 2008/09
12		Peak Period Cost of Gas filing.
13		
14		Also, the Company will have its new supply contract for its Dawn capacity for the 2009
15		off-peak period, as I mentioned above.
16		
17	Q.	Would you describe any additional sources of gas supply available to the Company
18		that are used to provide service during the off-peak period?
19	A.	The Company has several additional sources of gas supply available to it during the off-
20		peak period. The Company owns three LNG vaporization facilities in Concord,
21		Manchester and Tilton that have an aggregate vaporization rate of 18,810 MMBtu/day
22		and a combined storage capacity of 13,057 MMBtu. Additionally, the Company owns

1		four propane facilities in Amherst, Manchester, Nashua and Tilton that have an aggregate
2		vaporization rate of 34,600 MMBtu/day and a combined storage capacity of 100,993
3		MMBtu. These supplemental facilities are not normally used to provide supply service
4		during the off-peak period, but they are available for maintaining system integrity.
5		
6	Q.	What was the source of the projected sendout requirements and costs used in this
7		filing?
8	A.	As in prior cost of gas filings, the Company used projected sendout requirements and
9		costs from its internal budgets and forecasts as a means of projecting the cost of gas for
10		the off-peak period.
11		
12	Q.	Would you please describe the forecasted sendout requirements for the off-peak
13		period of 2009?
14	A.	Schedule 11A of the Company's filing shows the Company's forecasted sendout
15		requirements of 24,063,721 Therms over the period May 1, 2009 through October 31,
16		2009 under normal weather conditions. In comparison, the Company had forecasted
17		normal sendout requirements of 25,976,071 Therms over the period May 1, 2008 through
18		October 31, 2008 in its 2008 Off-Peak Period filing.
19		
20		Schedule 11B shows the Company's forecasted sendout requirements of 24,683,015
21		Therms over the period May 1, 2009 through October 31, 2009 under design weather
22		conditions. Schedule 11B shows a 2.6 percent increase in sendout requirements under

1		weather 10.6 percent colder than normal. In comparison, the Company had forecasted
2		design sendout requirements of 27,326,338 Therms over the period May 1, 2008 through
3		October 31, 2008 in its 2008 Off-Peak Period filing.
4		
5		In Schedule 11C, the Company summarizes the normal and design year sendout
6		requirements, the seasonally-available contract quantities, and the calculated utilization
7		rates of its pipeline transportation and storage contracts based on Schedules 11A and
8		11B.
9		
10	Q.	Does this conclude your direct prefiled testimony in this proceeding?
11	A.	Yes, it does.

Filed Tariff Sheets

Proposed Eighty-First Revised Page 1
Check Sheet

Proposed Eightieth Revised Page 3
Check Sheet

Proposed Eighty-First Revised Page 73
Firm Rate Schedules

Proposed Sixteenth Revised Page 83
Anticipated Cost of Gas

Proposed Seventy-Eighth Revised Page 84

Calculation of Firm Sales Cost of Gas Rate

CHECK SHEET

The title page and pages 1-91 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Page</u>	<u>Revision</u>
Title	Original
1	Eighty-First Revised
2	Fourth Revised
3	Eightieth Revised
4	Original
5	Eighth Revised
6	Original
7	Original
8	Second Revised
9	Original
10	Original
11	Original
12	Original
13	Original
14	Original
15	Original
16	Original
17	Original
18	First Revised
19	Second Revised
20	Third Revised
21	Original
22	Original
23	Original
24	First Revised
25	First Revised
26	First Revised
27	First Revised
28	First Revised
28.1	Original
29	First Revised
30	Original

Issued: March 16, 2009 Effective: May 1, 2009

Issued: By__

CHECK SHEET (Cont'd)

The title page and pages 1-91 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Page</u>	<u>Revision</u>
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62	Second Revised
63	Original
64	First Revised
65	Original
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67	Original
68	First Revised
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72	Original
73	Eighty-First Revised
74	Original
75	Original
76	Original
77	Original
78	Original
79	Original
80	Original
81	Original
82	Original
83	Sixteenth Revised
84	Seventy-Eighth Revised
85	Seventh Revised
86	Eighth Revised
87	Second Revised
88	Eighth Revised
89	Third Revised
90	Second Revised
91	Eleventh Revised
92	Original

Issued: March 16, 2009 Effective: May 1, 2009 Issued: By______Nickolas Stavropoulos

<u>II RATE SCHEDULES</u> FIRM RATE SCHEDULES

		Winter	Period		Summer Period			
	Delivery <u>Charge</u>	Cost of Gas Rate <u>Page 84</u>	LDAC Page 91	Total <u>Rate</u>	Delivery <u>Charge</u>	Cost of Gas Rate Page 84	LDAC Page 91	Total <u>Rate</u>
Residential Non Heating - R-1 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ 8.01 10 therms \$ 0.3054 \$ 0.2696	\$ 1.0482 \$ 1.0482		\$ 8.01 \$ 1.3790 \$ 1.3432	\$ 8.01 10 therms \$ 0.3054 \$ 0.2696			\$ 8.01 \$ 1.0030 \$ 0.9672
Residential Heating - R-3 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ 11.46 100 therms \$ 0.3356 \$ 0.1950	\$ 1.0482 \$ 1.0482		\$ 11.46 \$ 1.4098 \$ 1.2692	\$ 11.46 20 therms \$ 0.3356 \$ 0.1950		\$ 0.0260 \$ 0.0260	\$ 11.46 \$ 1.0338 \$ 0.8932
Residential Heating - R-4 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ 4.58 100 therms \$ 0.1343 \$ 0.0780	\$ 1.0482 \$ 1.0482	\$ 0.0260 \$ 0.0260	\$ 4.58 \$ 1.2085 \$ 1.1522	\$ 4.58 20 therms \$ 0.1343 \$ 0.0780			\$ 4.58 \$ 0.8325 \$ 0.7762
Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ 28.58 100 therms \$ 0.3732 \$ 0.2427	\$ 1.0484 \$ 1.0484	\$ 0.0278 \$ 0.0278	\$ 28.58 \$ 1.4494 \$ 1.3189	\$ 28.58 20 therms \$ 0.3732 \$ 0.2427	\$ 0.6727	\$ 0.0278 \$ 0.0278	\$ 28.58 \$ 1.0737 \$ 0.9432
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ 80.44 1000 therms \$ 0.3095 \$ 0.2044	\$ 1.0484 \$ 1.0484	\$ 0.0278 \$ 0.0278	\$ 80.44 \$ 1.3857 \$ 1.2806	\$ 80.44 400 therms \$ 0.3095 \$ 0.2044		\$ 0.0278 \$ 0.0278	\$ 80.44 \$ 1.0100 \$ 0.9049
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at	\$ 347.23 \$ 0.1813	\$ 1.0484	\$ 0.0278	\$ 347.23 \$ 1.2575	\$ 347.23 \$ 0.0830	\$ 0.6727	\$ 0.0278	\$ 347.23 \$ 0.7835
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$ 28.77 100 therms \$ 0.2878 \$ 0.1859	\$ 1.0471 \$ 1.0471	\$ 0.0278 \$ 0.0278	\$ 28.77 \$ 1.3627 \$ 1.2608	\$ 28.77 100 therms \$ 0.2878 \$ 0.1859	\$ 0.6707	\$ 0.0278 \$ 0.0278	\$ 28.77 \$ 0.9863 \$ 0.8844
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at		\$ 1.0471 \$ 1.0471				\$ 0.6707 \$ 0.6707		
<u>Commercial/Industrial - G-53</u> Customer Charge per Month per Meter All therms over the first block per month at	\$ 347.93 \$ 0.1224	\$ 1.0471	\$ 0.0278	\$ 347.93 \$ 1.1973	\$ 347.93 \$ 0.0586	\$ 0.6707	\$ 0.0278	\$ 347.93 \$ 0.7571
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at	\$ 347.93 \$ 0.0911	\$ 1.0471	\$ 0.0278	\$ 347.93 \$ 1.1660	\$ 347.93 \$ 0.0467	\$ 0.6707	\$ 0.0278	\$ 347.93 \$ 0.7452
<u>Commercial/Industrial - G-63</u> Customer Charge per Month per Meter All therms over the first block per month at	\$ 347.93 \$ 0.0393	\$ 1.0471	\$ 0.0278	\$ 347.93 \$ 1.1142	\$ 347.93 \$ 0.0214	\$ 0.6707	\$ 0.0278	\$ 347.93 \$ 0.7199

Issued: March 16, 2009 Effective: May 1, 2009 Issued: By_____

Anticipated Cost of Gas

PERIOD COVERED: SUMMER PERIOD, MAY 1, 2009 THROUGH OCTOBER 31, 2009 (REFER TO TEXT ON TARIFF PAGES 18-36)

(Col 1)		(Col 2)		(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs: Supply Costs:	\$	3,059,784 11,690,508		
очрру объе.		11,030,300		
Storage Gas:	_			
Demand, Capacity: Commodity Costs:	\$	-		
Commonly Costs.		_		
Produced Gas:		70,881		
Hedged Contract Savings	_	2,198,899		
Unadjusted Anticipated Cost of Gas			\$	17,020,073
Adjustments:				
Prior Period (Over)/Under Recovery (as of October 31, 2008)	\$	(1,969,485)		
Interest Prior Period Adjustments		(28,902) 162,600		
Broker Revenues		-		
Refunds from Suppliers		-		
Fuel Financing Transportation CGA Revenues		-		
Interruptible Sales Margin		-		
Capacity Release Margin		-		
Hedging Costs Fixed Price Option Administrative Costs		-		
Total Adjustments				(1,835,787)
Total Anticipated Direct Cost of Gas			\$	15,184,286
Anticipated Indirect Cost of Gas				
Working Capital:				
Total Anticipated Direct Cost of Gas 05/01/09 - 10/31/09)	\$	17,020,073		
Working Capital Percentage	\$	<u>0.645%</u> 109,779		
Working Capital	Φ	109,779		
Plus: Working Capital Reconciliation (Acct 142.40)		(68,107)		
Total Working Capital Allowance			\$	41,672
Bad Debt:				
Total Anticipated Direct Cost of Gas 05/01/09 - 10/31/09)	\$	17,020,073		
Less: Refunds		44 672		
Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery		41,672 (1,969,485)		
Subtotal	\$	15,092,260		
P. I.P. I.P. Secretary				
Bad Debt Percentage Bad Debt Allowance	\$	<u>1.75%</u> 264,115		
Plus: Bad Debt Reconciliation (Acct 175.54)	Ψ	(125,817)		
Total Bad Debt Allowance				138,297
Production and Storage Capacity				-
Miscellaneous Overhead (05/01/09 - 10/31/09)	\$	135,339		
Times Summer Sales	Ψ	23,350		
Divided by Total Sales	_	114,873		
Miscellaneous Overhead			_	27,510
Total Anticipated Indirect Cost of Gas			\$	207,480
Total Cost of Gas			\$	15,391,765

Issued: March 16, 2009 Effective: May 1, 2009

Issued: By______Nickolas Stavropoulos

CALCULATION OF FIRM SALES COST OF GAS RATE PERIOD COVERED: SUMMER PERIOD, MAY 1, 2009 THROUGH OCTOBER 31, 2009 (Refer to Text on Tariff Pages 15-32)

(Col 1)			(Col 2)	((Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/09 - 10/31/09) Direct Cost of Gas Rate		\$	15,184,286 22,899,858	\$	0.6631	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate		\$ - \$	13,960,289 (1,835,787)	\$ \$ \$	0.1336 0.6096 (0.0802)	per therm per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/09 - 10/31/09) Indirect Cost of Gas		\$	207,480 22,899,858	\$	0.0091	per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/09				\$	0.6722	per therm
RESIDENTIAL COST OF GAS RATE - 05/01/09		C	OGsr	\$	0.6722	/therm
		Minimum (C Maximum (C	,	\$ \$	0.5378 0.8066	
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/09		C	OGsl	\$	0.6707	/therm
Average Demand Cost of Gas Rate Effective 05/01/09	A 0.4000					
Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.1336 0.9869 1.00261 \$ 0.1322 \$ 0.6096 \$ (0.0802) \$ 0.0091 \$ 0.6707	Minimum (C Maximum (C		\$	0.5366 0.8048	
'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate	0.9869 1.00261 \$ 0.1322 \$ 0.6096 \$ (0.0802) \$ 0.0091	Maximum (C			0.8048	/therm

Issued: March 16, 2009 Effective: May 1, 2009

Issued: By______Nickolas Stavropoulos

CHECK SHEET

The title page and pages 1-91 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Page</u>	<u>Revision</u>
Title	Original
1	Eightieth Eighty-First Revised
2	Fourth Revised
3	Seventy Ninth Eightieth Revised
4	Original
5	Eighth Revised
6	Original
7	Original
8	Second Revised
9	Original
10	Original
11	Original
12	Original
13	Original
14	Original
15	Original
16	Original
17	Original
18	First Revised
19	Second Revised
20	Third Revised
21	Original
22	Original
23	Original
24	First Revised
25	First Revised
26	First Revised
27	First Revised
28	First Revised
28.1	Original
29	First Revised
30	Original

Issued: February 23, 2009 March 16, 2009 Effective: March 1, 2009 May 1, 2009

Issued: By______Nickolas Stavropoulos

CHECK SHEET (Cont'd)

The title page and pages 1-91 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

<u>Page</u>	<u>Revision</u>
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79	Original
80	Original
81	Original
82	Original
83	Fifteenth Sixteenth Revised
84	Seventy-Seventh_Seventy-Eighth_Revised
85	Seventh Revised
86	Eighth Revised
87	Second Revised
88	Eighth Revised
89	Third Revised
90	Second Revised
91	Eleventh Revised
92	Original

Issued: February 23, 2009 March 16, 2009 Effective: March 1, 2009 May 1, 2009

Issued: By______Nickolas Stavropoulos

Proposed Eightieth-Seventy-Ninth Revised Page 73 Superseding Seventy-Ninth Seventy-Eighth-Page 73

II RATE SCHEDULES FIRM RATE SCHEDULES

		Winter Period				Summer Period					
		livery narge	Cost of Gas Rate Page 84	LDAC Page 91	Total <u>Rate</u>	Delivery <u>Charge</u>	Cost of Gas Rate Page 84	LDAC Page 91	Total <u>Rate</u>		
Residential Non Heating - R-1 Customer Charge per Month per Meter	\$	8.01			\$ 8.01	\$ 8.01			\$ 8.0		
	•				\$ 8.01	•			\$ 8.0		
Size of the first block Therms in the first block per month at		0.3054	\$ 1.0482	\$ 0.0254	\$ 1.3790	10 therms \$ 0.3054 \$ 0.3054			\$ 1.003 \$ 1.494		
All therms over the first block per month at	\$	0.2696	\$ 1.0482	\$ 0.0254	\$ 1.3432	\$ 0.2696 \$ 0.2696	\$ 0.6722 \$ 1.1702	\$ 0.0254 \$ 0.0187	\$ 0.9672 \$ 1.458		
Residential Heating - R-3 Customer Charge per Month per Meter	\$	11.46			\$ 11.46	\$ 11.46	ψσ <u>2</u>	Q 0.0.0.	\$ 11.4		
Size of the first block		therms				20 therms					
Therms in the first block per month at	\$	0.3356	\$ 1.0482	\$ 0.0260	\$ 1.4098	\$ 0.3356 \$ 0.3356	\$ 0.6722 \$ 1.1702	\$ 0.0260 \$ 0.0192	\$ 1.033 \$ 1.525		
All therms over the first block per month at	\$	0.1950	\$ 1.0482	\$ 0.0260	\$ 1.2692	\$ 0.1950 \$ 0.1950	\$ 0.6722 \$ 1.1702	\$ 0.0260 \$ 0.0192	\$ 0.893 \$ 1.384		
Residential Heating - R-4	•						ψ 1.1702	Ψ 0.0102	•		
Customer Charge per Month per Meter	\$	4.58			\$ 4.58	\$ 4.58			\$ 4.5		
Size of the first block Therms in the first block per month at		therms 0.1343	\$ 1.0482	\$ 0.0260	\$ 1.2085	20 therms \$ 0.1343	\$ 0.6722	\$ 0.0260	\$ 0.832		
·	•		·	·		\$ 0.1343	\$ 1.1702	\$ 0.0192	\$ 1.323		
All therms over the first block per month at	\$	0.0780	\$ 1.0482	\$ 0.0260	\$ 1.1522	\$ 0.0780 \$ 0.0780	\$ 0.6722 \$ 1.1702	\$ 0.0260 \$ 0.0192	\$ 0.776 \$ 1.267		
Commercial/Industrial - G-41 Customer Charge per Month per Meter	\$	28.58			\$ 28.58	\$ 28.58			\$ 28.5		
Size of the first block	100	therms				20 therms					
Therms in the first block per month at	\$	0.3732	\$ 1.0484	\$ 0.0278	\$ 1.4494	\$ 0.3732 \$ 0.3732	\$ 0.6727 \$ 1.1706	\$ 0.0278 \$ 0.0101	\$ 1.073° \$ 1.553°		
All therms over the first block per month at	\$	0.2427	\$ 1.0484	\$ 0.0278	\$ 1.3189	\$ 0.2427	\$ 0.6727 \$ 1.1706	\$ 0.0278	\$ 0.943 \$ 1.423		
Commercial/Industrial - G-42 Customer Charge per Month per Meter	\$	80.44			\$ 80.44	\$ 80.44	Ψ 1.1700	Ψ 0.0101	\$ 80.4		
Size of the first block		therms				400 therms					
Therms in the first block per month at	\$	0.3095	\$ 1.0484	\$ 0.0278	\$ 1.3857	\$ 0.3095 \$ 0.3095	\$ 0.6727 \$ 1.1706	\$ 0.0278 \$ 0.0101	\$ 1.010 \$ 1.490		
All therms over the first block per month at	\$	0.2044	\$ 1.0484	\$ 0.0278	\$ 1.2806	\$ 0.2044 \$ 0.2044	\$ 0.6727	\$ 0.0278 \$ 0.0101	\$ 0.904 \$ 1.385		
Commercial/Industrial - G-43	•	247.02			Ф 0.4 7 .00		Ψσσ	Ψ 0.0.0.			
Customer Charge per Month per Meter	•	347.23			\$ 347.23	\$ 347.23					
All therms over the first block per month at	\$	0.1813	\$ 1.0484	\$ 0.0278	\$ 1.2575	\$ 0.0830 \$ 0.0830	\$ 0.6727 \$ 1.1706	\$ 0.0278 \$ 0.0101	\$ 0.783 \$ 1.263		
Commercial/Industrial - G-51 Customer Charge per Month per Meter	\$	28.77			\$ 28.77	\$ 28.77			\$ 28.7		
Size of the first block Therms in the first block per month at		therms 0.2878	\$ 1.0471	\$ 0.0278	\$ 1.3627	100 therms \$ 0.2878	\$ 0.6707	\$ 0.0278	\$ 0.986		
All therms over the first block per month at		0.1859	\$ 1.0471		\$ 1.2608	\$ 0.2878 \$ 0.1859	\$ 1.1700 \$ 0.6707	\$ 0.0101 \$ 0.0278	\$ 1.467		
Commercial/Industrial - G-52	Ψ	0.1000	Ψ 1.0471	Ψ 0.0270	Ψ 1.2000	\$ 0.1859	\$ 1.1700	\$ 0.0101	\$ 1.366		
Customer Charge per Month per Meter	\$	80.36			\$ 80.36	\$ 80.36			\$ 80.3		
Size of the first block Therms in the first block per month at		therms	\$ 1.0471	\$ 0.0278	\$ 1.2725	1000 therms \$ 0.1453	\$ 0.6707	\$ 0.0278	\$ 0.843		
·	•					\$ 0.1453	\$ 1.1700	\$ 0.0101	\$ 1.325		
All therms over the first block per month at	\$	0.1341	\$ 1.0471	\$ 0.0278	\$ 1.2090	\$ 0.0836 \$ 0.0836	\$ 0.6707 \$ 1.1700	\$ 0.0278 \$ 0.0101	\$ 0.782 \$ 1.263		
<u>Commercial/Industrial - G-53</u> Customer Charge per Month per Meter	\$	347.93			\$ 347.93	\$ 347.93			\$ 347.9		
All therms over the first block per month at	\$	0.1224	\$ 1.0471	\$ 0.0278	\$ 1.1973	\$ 0.0586 \$ 0.0586	\$ 0.6707 \$ 1.1700		\$ 0.757 \$ 1.238		
Commercial/Industrial - G-54 Customer Charge per Month per Meter	\$	347.93			\$ 347.93	\$ 347.93	φ 1.17UU	y U.U1U1	\$ 347.9		
All therms over the first block per month at	\$	0.0911	\$ 1.0471	\$ 0.0278	\$ 1.1660	\$ 0.0467	\$ 0.6707	\$ 0.0278	\$ 0.745		
Commercial/Industrial - G-63 Customer Charge per Month per Meter	\$	347.93			\$ 347.93	\$ 0.0467 \$ 347.93	\$ 1.1700	\$ 0.0101	\$ 1.226 \$ 347.9		
All therms over the first block per month at			\$ 1.0471	\$ 0.0278		\$ 0.0214	\$ 0.6707	\$ 0.0278	\$ 0.719		
along over the first block per month at	Ψ	2.0000	Ų 1.0∓/1	\$ 0.0210	Ψ 1.11T <u>C</u>		\$ 1.1700		\$ 1.201		

Issued: February 23, 2009 March 16, 2009 Effective: March 1, 2009 May 1, 2009

Nickolas Stavropoulos

Title: President

Issued: By_

Anticipated Cost of Gas PERIOD COVERED: SUMMER PERIOD, MAY 1, 2009 THROUGH OCTOBER 31, 2009 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2008 THROUGH APRIL 30, 2009 (REFER TO TEXT ON TARIFF PAGES 18-36)

(Col 1) ANTICIPATED DIRECT COST OF GAS	(Col 2)	(Col 3)	(Col 2)	(Col 3)
Purchased Gas: Demand Costs: Supply Costs:	\$ 6,587,275 \$ 66,928,128		\$ 3,059,784 11,690,508	
Storage Gas: Demand, Capacity:	1,171,446		-	
Commodity Costs: Produced Gas:	— 16,204,967 — 2,448,331		- 70,881	
Hedged Contract Savings	10,388,110		 2,198,899	
Unadjusted Anticipated Cost of Gas		\$ 103, 728,258	 	\$ 17,020,073
Adjustments: Prior Period (Over)/Under Recovery (as of May 1, 2008 October 1, 2008) Interest Prior Period Adjustments	\$ <u>2,883,321</u> <u>318,647</u>		\$ (1,969,485) (28,902) 162,600	
Broker Revenues Refunds from Suppliers Fuel Financing	(1,249,699)			
Transportation CGA Revenues Interruptible Sales Margin Capacity Release <u>and Off System Sales</u> Margin	2,546 (2,245) (410,806)		- - -	
Hedging Costs Fixed Price Option Administrative Costs Total Adjustments	36,312	2,101,582	-	 (1,835,787)
Total Anticipated Direct Cost of Gas		\$ 105,829,840		\$ 15,184,286
Anticipated Indirect Cost of Gas Working Capital: Total anticipated Direct Cost of Gas (5/01/2008 - 10/31/2008)(11/01/08 - 04/30/09) Working Capital Percentage Working Capital Plus: Working Capital Reconciliation (Acet 142.40) (Acct 142.20)	\$ 103,728,258 <u>0.645%</u> 669,047 ————————————————————————————————————		\$ 17,020,073 <u>0.645%</u> 109,779 (68,107)	
Total Working Capital Allowance	(000,004)	\$ 363,392	(00,107)	\$ 41,672
Bad Debt: Total anticipated Direct Cost of Gas (5/01/2008 - 10/31/2008)(11/01/08 - 04/30/09) Less: Refunds Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Subtotal	\$ 103,728,258 - 		\$ 17,020,073 - 41,672 (1,969,485) 15,092,260	,
Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.54) (Acct 175.52)	<u>1.75%</u> — <u>1,872,062</u> — <u>(1,409,904)</u>		\$ 1.75% 264,115 (125,817)	
Total Bad Debt Allowance		462,158		138,297
Production and Storage Capacity		2,105,212		-
Miscellaneous Overhead (5/01/2008 - 10/31/2008) (11/01/08 - 4/30/09) Times Summer Winter Sales Divided by Total Sales	\$ 135,339 		\$ 135,339 23,350 114,873	
Miscellaneous Overhead Total Anticipated Indirect Cost of Gas		107,829 \$ 3,038,592		\$ 27,510 207,480
Total Cost of Gas		<u>\$ 108,868,432</u>		\$ 15,391,765

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Issued: By______Nickolas Stavropoulos

Proposed Seventy-Eighth Seventy-Seventh Revised Page 84 Superseding Seventy-Seventh Seventy-Sixth-Page 84

CALCULATION OF FIRM SALES COST OF GAS RATE PERIOD COVERED: SUMMER PERIOD, MAY 1, 2009 THROUGH OCTOBER 31, 2009 PERIOD-COVERED: WINTER-PERIOD, NOVEMBER 1, 2008 THROUGH APRIL 30, 2009 (Refer to Text on Tariff Pages 15-32)

	(Refer to Text	on Tariff Page	es 15-32)						
(Col 1)		(Col 2	2)	(Col 3)		(Col 2)	(C	ol 3)	
Total Anticipated Direct Cost of Gas		\$ 105.8	329,840		\$	15,184,286			
Projected Prorated Sales (11/01/09 - 4/30/2009) (05/01/09 - 10/31/09)			9 73,236		•	22,899,858			
Direct Cost of Gas Rate		·	,	1.1507			\$	0.6631	per therm
Demand Coat of Coa Bata			750 704	0.0044	•	0.050.704	•	0.4000	•
Demand Cost of Gas Rate			758,721		\$	3,059,784 13,960,289	\$ \$	0.1336 0.6096	
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate			969,537 101,582	0.0228		(1,835,787)		(0.0802)	
Total Direct Cost of Gas Rate			329,840	1.1507	\$	15,184,286		0.6631	
Total Bilect Gost of Gas Nate		Ψ 100,0	20,010	1.1007	Ψ	10,104,200	Ψ	0.0001	
Total Anticipated Indirect Cost of Gas		\$ 3,0	38,592		\$	207,480			
Projected Prorated Sales (11/01/09 - 4/30/2009) (05/01/09 - 10/31/09)		91,9	73,236			22,899,858			
Indirect Cost of Gas				\$ 0.0330			\$	0.0091	per therm
							•		•
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/09							\$	0.6722	per Therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE November 1, 2008				\$ <u>1.1837</u>					
RESIDENTIAL COST OF GAS RATE - 05/01/09					COGsr	•	\$	0.6722	/therm
RESIDENTIAL SOOT OF GAS RATE SOUTHS					0000		<u> </u>	0.0722	Action
RESIDENTIAL COST OF GAS RATE - 11/1/2008					COGw	¥.	\$	1.1837	/therm
Change in rate due to change in under/over recovery							\$		per therm
RESIDENTIAL COST OF GAS RATE - 12/01/2008					COGw	r	\$	1.1380	
					00011	•	\$		
Change in rate due to change in under/over recovery									per therm
RESIDENTIAL COST OF GAS RATE - 1/01/2008					COGw	Ŧ	\$	1.1201	
Change in rate due to change in under/over recovery							\$. ,	per therm
RESIDENTIAL COST OF GAS RATE - 2/01/2009					COGw	Ŧ.	\$	1.0988	/therm
Change in rate due to change in under/over recovery							\$	(0.0506)	per therm
RESIDENTIAL COST OF GAS RATE - 3/01/2009					COGw	Ŧ	\$	1.0482	/therm
									·
		Minimum		(COG - 20%)	\$	0.9470	\$	0.5378	
		Maximum		(COG + 20%)	\$	1.4204	\$	0.8066	
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/09					COGsl		\$	0.6707	/therm
							•		
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/2008					COGw		\$	1.1826	/therm
					00011	•	\$		
Change in rate due to change in under/over recovery								(0.0457)	
COM/IND LOW WINTER USE COST OF GAS RATE - 12/01/2008					COGw	4	\$	1.1369	
Change in rate due to change in under/over recovery							\$	(0.0179)	/therm
CONTINUE LOW WINTED LIGE COOT OF CAC BATE 4/04/0000								4 4 4 4 0 0	/therm
COM/IND LOW WINTER USE COST OF GAS RATE - 1/01/2009					COGw	4	\$	1.1190	/tnerm
Change in rate due to change in under/over recovery					COGw	4	\$	(0.0213)	
					COGW				/therm
Change in rate due to change in under/over recovery							\$	(0.0213)	/therm /therm
Change in rate due to change in under/over-recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009						4	\$	(0.0213) 1.0977	/therm /therm /therm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery					COGw	4	\$ \$	(0.0213) 1.0977 (0.0506)	/therm /therm /therm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009	\$ 0.0844	\$	0.1336	Minimum	COGw	4	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	/therm /therm /therm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008	\$ 0.0844	\$		Minimum	COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	#herm #herm #herm #herm #herm \$ 0.5366
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer)	0.9869		0.9869	Minimum Maximum	COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	/therm /therm /therm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor	0.9869		0.9869 1.00261		COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	#herm #herm #herm #herm #herm \$ 0.5366
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer)	0.9869		0.9869		COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	#herm #herm #herm #herm #herm \$ 0.5366
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate	0.9869 0.99999 0.0833	\$	0.9869 1.00261 0.1322		COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	#herm #herm #herm #herm #herm \$ 0.5366
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE – 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE – 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate	0.9869 0.99999 \$ 0.0833 \$ 1.0435	\$	0.9869 1.00261 0.1322 0.6096		COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	#herm #herm #herm #herm #herm \$ 0.5366
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/08/11/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate		\$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802)		COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	#herm #herm #herm #herm #herm \$ 0.5366
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE – 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE – 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate	0.9869 0.99999 \$ 0.0833 \$ 1.0435	\$	0.9869 1.00261 0.1322 0.6096		COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	#herm #herm #herm #herm #herm \$ 0.5366
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGw	- 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471	#herm #herm #herm #herm #herm \$ 0.5366
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGw	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(0.0213) 1.0977 (0.0506) 1.0471	Atherm Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE – 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE – 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGW COGW (COG -	4 - 20%) + 20%)	\$ \$	(0.0213) 1.0977 (0.0506) 1.0471 0.9461 1.4191	Atherm Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE -05/01/09	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGsi	4 - 20%) + 20%)	\$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9464 1.4191	Atherm Atherm Atherm Atherm S 0.5366 S 0.8048
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGW COGW (COG -	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(0.0213) 1.0977 (0.0506) 1.0474 0.9461 1.4191	Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm Atherm Atherm Atherm Atherm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGW	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9461 1.4191 0.6727 1.1839 (0.0457)	### ##################################
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/2008	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGsi	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0471 0.9461 1.4191 0.6727 1.1839 (0.0457)	Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/2008 Change in rate due to change in under/over recovery	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGM COGM COGM COGM COGM COGM COGM	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.8461 1.4191 0.6727 1.1839 (0.0457) 1.1382 (0.0179)	Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjusted Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/2008	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGW	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9461 1.4191 0.6727 1.1839 (0.0457) 1.1382 (0.0179) 1.1203	### ### #### #### ####################
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/2008 Change in rate due to change in under/over recovery	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGM COGM COGM COGM COGM COGM COGM	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.8461 1.4191 0.6727 1.1839 (0.0457) 1.1382 (0.0179)	### ### #### #### ####################
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjusted Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/2008	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGM COGM COGM COGM COGM COGM COGM	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9464 1.4191 0.6727 1.1839 (0.0457) 1.1382 (0.0179) 1.1203	Atherm Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjusted Demand Cost of Gas Rate Adjusted Cost of Gas Rate Adjusted Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 12/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGW (COG -	4 - 20%) + 20%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9464 1.4191 0.6727 1.1839 (0.0457) 1.1203 (0.0213)	Atherm Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjusted Com/Ind Low Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGW (COG -	4 - 20%) + 20%) h	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9464 1.4191 0.6727 1.1839 (0.0457) 1.1203 (0.0213) 1.0990	Atherm Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330	\$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091		COGW	4 - 20%) + 20%) h	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9461 1.4191 0.6727 1.1839 (0.0457) 1.1203 (0.0213) 1.0990 (0.0506)	Atherm Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE – 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE – 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/4/08 11/01/2008	0.9869 0.99999 \$ 0.0833 \$ 1.0435 \$ 0.0228 \$ 0.0330 \$ 1.1826	\$ \$ \$ \$ \$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091 0.6707	Maximum .	COGM COGM COGM COGM COGM COGM COGM COGM	4 4 - 20%) + 20%) h h h	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9464 1.4191 0.6727 1.1839 (0.0457) 1.1203 (0.0213) 1.0990 (0.0506) 1.0484	Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm
Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND LOW WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/01/0811/01/2008 'Times: Low Winter Use Ratio (Summer) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/09 COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2008 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 1/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 2/01/2009 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 3/01/2009 Average Demand Cost of Gas Rate Effective 5/4/08 11/01/2008 Times: High Winter Use Ratio (Summer)	0.9869 0.99999 0.0833 1.0435 0.0228 0.0330 1.1826 \$ 0.0844 1.0022	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.9869 1.00261 0.1322 0.6096 (0.0802) 0.0091 0.6707	Maximum	COGMI	4 4 - 20%) + 20%) h h h	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.0213) 1.0977 (0.0506) 1.0474 0.9461 1.4191 0.6727 1.1839 (0.0457) 1.1203 (0.0213) 1.0990 (0.0506) 1.0484	Atherm Atherm Atherm Atherm \$ 0.5366 \$ 0.8048 Atherm
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Issued: February 23, 2009 March 16, 2009 Effective: March 1, 2009 May 1, 2009

Issued: By______Nickolas Stavropoulos

ENERGY NORTH NATURAL GAS, INC. d/b/a National Grid NH Off Peak 2009 Summer Cost of Gas Filing

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2 d/b/a National Grid NH 3 Off Peak 2009 Summer Cost of Gas Filing 4 Summary OP 09 6 Reference May - Oct (c) (a) (b) 8 9 Anticipated Direct Cost of Gas 10 Purchased Gas: 11 Demand Costs: Sch. 5A, col (j), ln 44 \$ 3.059.784 11,690,508 12 Supply Costs Sch. 6, col (i), ln 43 13 14 Storage Gas: 15 Demand, Capacity: Sch. 5A, col (j), In 59 \$ 16 Commodity Costs: Sch. 6, col (i), ln 46 17 Produced Gas: Sch. 6, col (i), In 52 70,881 18 19 20 Hedge Contract (Savings)/Loss Sch. 7, col (i), ln 32 2,198,899 21 17,020,073 22 **Total Unadjusted Cost of Gas** 23 24 Adjustments: 25 26 Prior Period (Over)/Under Recovery) Sch. 3, col (c) ln 24 (1,969,485) 27 Interest 05/01/09 - 10//31/09 Sch. 3, col (q) In 166 (28,902)28 Prior Period Adjustments Sch. 4, In 24 col (b) 162,600 Refunds from Suppliers 29 Sch. 4, In 24 col (c) Broker Revenues Sch. 4, In 24 col (d) 30 Sch. 4, In 24 col (e) 31 Fuel Financing 32 Transportation CGA Revenues Sch. 4, In 24 col (f) 33 Interruptible Sales Margin Sch. 4, In 24 col (g) 34 Capacity Release and Off System Sales Margins Sch. 4, In 26 col (h) + col (i) 35 **Hedging Costs** Sch. 4, In 24 col (j) 36 FPO Premium - Collection 36 Fixed Price Option Administrative Costs Sch. 4. In 24 col (k) 37 38 **Total Adjustments** (1,835,787)39 40 Total Anticipated Direct Costs Ins 22 + 38 15,184,286 41 42 Anticipated Indirect Cost of Gas 43 Working Capital Total Anticipated Direct Cost of Gas Sch 3, In 30 17.020.073 44 45 Working Capital Percentage per GTC 16(f) 0.645% 46 Working Capital In 44 * In 45 109,779 47 Plus: Working Capital Reconciliation Sch. 3, col (c), ln 73 (68, 107)48 **Total Working Capital Allowance** Ins 46 + 47 41,672 49 50 51 Bad Debt 52 Total Anticipated Direct Cost of Gas In 44 17,020,073 53 Less Refunds 54 Plus Working Capital In 49 41,672 55 Plus Prior Period (Over) Under Recovery In 26 (1,969,485) 56 Subtotal 15,092,260 57 Bad Debt Percentage per GTC 16(f) 1.75% 58 59 In 56 * In 57 **Bad Debt Allowance** 264.115 (125,817) 60 Prior Period Bad Debt Allowance Sch. 3, col (c), In 150 61 138,297 62 **Total Bad Debt Allowance** lns 59 + 6063 64 Production and Storage Capacity per GTC16(f) 65 66 Miscellaneous Overhead per GTC 16(f) 135,339 Sch. 10B, In 24/1000 67 Sales Volume 23,350 68 Divided by Total Sales Sch. 10B, In 24/1000 114,873 69 Ratio 20.33% 70 Miscellaneous Overhead Ins 66 * 69 71 27,510 72 73 Total Anticipated Indirect Cost of Gas lns 49 + 62 + 64 + 71207,480 74 75 Total Cost of Gas lns 40 + 7315,391,765 77 Projected Forecast Sales (Therms) Sch. 3, col (q), ln 47 22,899,858

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1 ENERGY NORTH NATURAL GAS, INC.

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2 d	/b/a National Grid NH								
3 O	ff Peak 2009 Summer Cost of Ga	ıs Filing							
4 S	ummary of Supply and Demand	Forecast							
5									
6									Off Peak Period
7 F	or Month of:		May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	May - Oct
8	(a)	(b)	(c)	(d)	(e)	(d)	(e)	(f)	(g)
9 I .	Gas Volumes (Therms)	. ,	, ,		* *	. ,	* *	.,	107
10	` ,								
11 A	. Firm Demand Volumes								
12	Firm Gas Sales	Sch. 10B, In 24	7,213,848	4,204,276	2,847,848	2,589,160	2,791,892	3,703,024	23,350,050
13	Lost Gas (Unaccounted for)	,	203,708	117,019	102,711	101,347	134,896	270,107	929,789
14	Company Use		24,786	14,238	12,497	12,331	16,414	32,865	113,133
	' '				•				
15	Unbilled Therms		(2,170,198)	(1,306,971)	(304,803)	(79,895)	548,020	2,984,597	(329,250)
16									
17 T	otal Firm Volumes	Sch. 6, In 91	5,272,144	3,028,563	2,658,254	2,622,944	3,491,222	6,990,593	24,063,721
18									
19 B	. Supply Volumes (Therms)								
	ipeline Gas:								
21	Dawn Supply	Sch. 6, In 62	1,112,737	1,076,521	1,112,737	1,112,737	1,076,521	1,112,737	6,603,988
22	Niagara Supply	Sch. 6, In 63	875,522	596,659	120,418	-	1,070,021	309,647	1,902,245
23	TGP Supply (Direct)	Sch. 6, In 64	4,580,116	2,658,857	2,729,479	2,813,681	3,716,365	6,530,348	23,028,846
24	TGP Zone 6 Purchases	Sch. 6, In 65	-1,000,110	2,000,007	2,720,470	2,010,001	-	11,770	11,770
25	Dracut Winter Supply	Sch. 6, In 66	_	_	_	_	_		-
26	City Gate Delivered Supply	Sch. 6, In 67	_	_	_	_	_	317,795	317,795
27	LNG Truck	Sch. 6, In 68	86,013	26,257	26,257	26,257	26,257	26,257	217,296
28	Propane Truck	Sch. 6, In 69	-			38,932	199,188	50,702	288,823
29	PNGTS	Sch. 6, In 70	18,108	11,770	9,959	10,865	13,581	22,635	86,918
30	Granite Ridge	Sch. 6, In 71	-		-	-		-	-
31	Subtotal Pipeline Volumes	33 3,	6,672,496	4,370,063	3.998.849	4,002,471	5,031,911	8,381,891	32,457,681
32			5,51 =, 155	.,,	-,,	1,00=,111	-,,	-,,	0_,,
	torage Gas:								
34	TGP Storage	Sch. 6, In 76	-	-	-	-	_	-	-
35									
	roduced Gas:								
37	LNG Vapor	Sch. 6, In 79	26,257	25,351	26,257	26,257	25,351	26,257	155,729
38	Propane	Sch. 6, In 80	-, -	-	-, -	-, -	-	-	-
39	Subtotal Produced Gas		26,257	25,351	26,257	26,257	25,351	26,257	155,729
40									
41 Le	ess - Gas Refill:								
42	LNG Truck	Sch. 6, In 85	(86,013)	(26,257)	(26,257)	(26,257)	(26,257)	(26,257)	(217,296)
43	Propane	Sch. 6, In 86	-	-	-	(38,932)	(199,188)	(50,702)	
44	TGP Storage Refill	Sch. 6, In 87	(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(8,043,570)
45	Subtotal Refills	•	(1,426,608)	(1,366,852)	(1,366,852)	(1,405,784)	(1,566,040)	(1,417,554)	
46			, , , , ,		,				, ,
47 T	otal Firm Sendout Volumes		5,272,144	3,028,563	2,658,254	2,622,944	3,491,222	6,990,593	24,063,721

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5 6	ly and Demand Fo														Off	Peak Period
7 For Month of:				May-09		Jun-09		Jul-09		Aug-09		Sep-09		Oct-09		May - Oct
49 II. Gas Costs				•						•		•				•
50																
51 A. Demand Cost	s															
52 Supply																
53 Niagra Supply		Sch.5A, In 12														
54 Subtotal Sup																
55 Less Capaci																
56 Net Pipeline D	emand Costs															
57																
58 <u>Pipeline:</u> 59 Iroquois Gas T	rans Service RTS 4	70 Cab EA In 16	\$	26,698	¢.	26,698	¢.	26,698	¢.	26,698	ď	26 600	¢.	26 600	¢.	160,191
60 Tenn Gas Pipe		Sch.5A, In 17	Ф	42,440	Ф	42,440	Ф	42,440	Ф	42,440	Ф	26,698 42,440	Ф	26,698 42,440	Ф	254,640
'	eline 2302 Z5-Z6	Sch.5A, In 18		15,391		15,391		15,391		15,391		15,391		15,391		92,349
	eline 8587 Z0-Z6	Sch.5A, In 19		116,711		116.711		116,711		116,711		116.711		116,711		700.264
	eline 8587 Z1-Z6	Sch.5A, In 20		220,599		220,599		220,599		220,599		220,599		220,599		1,323,595
	eline 8587 Z4-Z6	Sch.5A, In 21		22,447		22,447		22,447		22,447		22,447		22,447		134,681
	eline (Dracut) 42076			63,200		63,200		63,200		63,200		63,200		63,200		379,200
	al Gas Trans Servic			27,402		27,402		27,402		27,402		27,402		27,402		164,410
	nada via Union to Ire			27,494		27,494		27,494		27,494		27,494		27,494		164,967
	eline Z4-Z6 stg 632	Sch.5A, In 25		-		-		-		-		-		, <u>-</u>		-
69 Tenn Gas Pipe	eline Z4-Z6 stg 1123	34 Sch.5A, In 26		-		-		-		-		-		-		-
70 Tenn Gas Pipe	eline Z5-Z6 stg 1123	4 Sch.5A, In 27		-		-		-		-		-		-		-
71 National Fuel F	ST 2358	Sch.5A, In 28		-		-		-		-		-		-		-
72 Subtotal Pipe	eline Demand		\$	562,383	\$	562,383	\$	562,383	\$	562,383	\$	562,383	\$	562,383	\$	3,374,296
73 Less Capaci	ty Credit			(53,174)		(53,174)		(53,174)		(53,174)		(53,174)		(53,174)	1	(319,042)
74 Net Pipeline D	emand Costs		\$	509,209	\$	509,209	\$	509,209	\$	509,209	\$	509,209	\$	509,209	\$	3,055,254
75																
76 Peaking Supply:																
77 Granite Ridge		Sch.5A, In 33														
78 DOMAC Liquid		Sch.5A, ln 34														
79 DOMAC Dem		Sch.5A, In 35														
	Energy Marketing	Sch.5A, In 36														
81 Transgas Truc	•	Sch.5A, In 37	_													
82 Subtotal Peal	•															
83 Less Capacit84 Net Peaking S		•														
85	upply Demand Cost	5														
86 Storage:																
87 Dominion - De	mand	Sch.5A, In 47	\$	_	\$	_	\$	_	\$	_	\$	_	\$	_	\$	_
88 Dominion - Sto		Sch.5A, In 48	Ψ	_	Ψ	_	Ψ	_	Ψ	_	Ψ	_	Ψ	_	Ψ	_
89 Honeoye - Der		Sch.5A, In 49		_		-		_		_		_		_		_
90 National Fuel -		Sch.5A, In 50		_		-		_		_		-		_		_
91 National Fuel -		Sch.5A, In 51		-		_		_		-		_		_		_
92 Tenn Gas Pipe		Sch.5A, In 52		-		-		-		-		-		-		-
93 Tenn Gas Pipe		Sch.5A, In 53		-		-		-		-		-		-		-
94 Subtotal Stor		•	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
95 Less Capacit				-		-		-		-		-		-		-
96 Net Storage D			\$	-	\$		\$	-	\$	-	\$	-	\$	-	\$	-
97																
98 Total Demand	Charges	Ins 54 + 72 + 82 + 94	\$	563,226	\$	563,198	\$	563,226	\$	563,226	\$	563,198	\$	563,226	\$	3,379,299
99 Total Capacity	Credit	Ins 55 + 73 + 83 + 95		(53,253)		(53,251)		(53,253)		(53,253)		(53,251)		(53,253)		(319,515)
Net Demand C	harges		\$	509,972	\$	509,948	\$	509,972	\$	509,972	\$	509,948	\$	509,972	\$	3,059,784

3 Of	b/a National Grid NH if Peak 2009 Summer Cost of Gas F Immary of Supply and Demand For	•														
5																
6															Off	Peak Period
7 Fo	or Month of:			May-09		Jun-09		Jul-09		Aug-09		Sep-09		Oct-09		May - Oct
103 B.	Commodity Costs															
104 Pi	peline:															
105	Dawn Supply	Sch. 6, In 12														
106	Niagara Supply	Sch. 6, In 13														
107	TGP Supply (Direct)	Sch. 6, In 14														
108	TGP Zone 6 Purchases	Sch. 6, In 15														
109	Dracut Winter Supply	Sch. 6, In 16														
110	City Gate Delivered Supply	Sch. 6, In 17														
111	LNG Truck	Sch. 6, In 18														
112	Propane Truck	Sch. 6, In 19														
113	PNGTS	Sch. 6, In 20														
114	Granite Ridge	Sch. 6, In 21														
115	Subtotal Pipeline Commodity Cost		\$	2,845,921	\$	1,915,729	\$	1,792,874	\$	1,835,604	\$	2,375,829	\$	3,981,759	\$	14,747,715
116	, , , , , , , , , , , , , , , , , , ,		•	_,,	-	.,,	•	.,=,	_	.,,	•	_,	-	-,,	*	, ,
117 St	orage.															
118	TGP Storage - Withdrawals	Sch. 6, In 46	\$	_	\$	_	\$	_	\$	_	\$	_	\$	_	\$	_
119	. C. Clorage Thurananaio	Oo O, 10	Ψ		Ψ.		۳		Ψ		۳		Ψ.		۳	
	oduced Gas Costs:															
120 11	LNG Vapor	Sch. 6, In 49														
122	Propane	Sch. 6, In 50														
123	Subtotal Produced Gas Costs	Oci 1. 0, 111 30	\$	12,059	Φ.	11,514	Φ	11,887	4	11,899	Ф	11,518	Φ.	12,005	\$	70,881
123	Subtotal i Toduced Gas Costs		Ψ	12,039	Ψ	11,514	Ψ	11,007	Ψ	11,033	Ψ	11,510	Ψ	12,003	Ψ	70,001
	ess Storage Refills:															
125 <u>Le</u> 126	LNG Truck	Sch. 6, In 36														
126		Sch. 6, In 37														
127	Propane	,														
128	TGP Storage Refill	Sch. 6, In 38														
	Storage Refill (Trans.)	Sch. 6, ln 39	\$	(050,044)	Φ.	(652,549)	Φ.	(672,847)	Φ.	(714,814)	Φ	(0.45.74.4)	Φ.	(745.044)	Φ	(4.000.747)
130	Subtotal Storage Refill		Ф	(658,911)	Ф	(652,549)	Ф	(672,847)	Ф	(714,814)	Ф	(845,714)	Ф	(745,911)	Ф	(4,290,747)
131	1-10		•	0.400.000	•	4.074.004	•	4 404 044	•	4 400 000	•	4 5 44 000	•	0.047.050	•	40 507 050
	otal Supply Commodity Costs		\$	2,199,069	\$	1,274,694	\$	1,131,914	\$	1,132,688	\$	1,541,632	\$	3,247,853	\$	10,527,850
133																
	Supply Volumetric Transportation															
135	Dawn Supply	Sch. 6, In 26														
136	Niagara Supply	Sch. 6, In 27														
137	TGP Supply (Direct)	Sch. 6, In 28														
138	TGP Zone 6 Purchases	Sch. 6, In 29														
139	Dracut Winter Supply	Sch. 6, In 30														
140	Subtotal Pipeline Volumetric Trans	s. Costs	\$	238,625	\$	148,847	\$	150,056	\$	154,763	\$	199,765	\$	341,484	\$	1,233,540
141																
142	TGP Storage - Withdrawals	Sch. 6, In 31	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
143																
144	Total Supply Volumetric Trans. Cos	sts	\$	238,625	\$	148,847	\$	150,056	\$	154,763	\$	199,765	\$	341,484	\$	1,233,540
145																
146 To	otal Commodity Gas & Trans. Costs	Ins 132 + 144	\$	2,437,693	\$	1,423,541	\$	1,281,970	\$	1,287,451	\$	1,741,397	\$	3,589,338	\$	11,761,390
147					T 1	IC DACE IIA	۰.	EEN DEDA		· D						

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1 ENERGY NORTH NATURAL GAS, INC.

2	d/b/a National Grid NH															
3	Off Peak 2009 Summer Cost of Gas F	iling														
4	Summary of Supply and Demand For	recast														
5																
6															Off	Peak Period
7	For Month of:			May-09		Jun-09		Jul-09		Aug-09		Sep-09		Oct-09		May - Oct
149	D. Supply and Demand Costs by Sou	ırce		.,						3						.,
150	,															
	Purchased Gas Demand Costs															
152	Pipeline Gas Demand Costs	Ins 54 + 72	\$	563,226	\$	563,198	\$	563,226	\$	563,226	\$	563,198	\$	563,226	\$	3,379,299
153	Peaking Gas Demand Costs	In 82	Ψ	-	•	-	Ψ	-	۳	-	۳	-	Ψ	-	Ψ	-
154	Subtotal Purchased Gas Demand		\$	563,226	\$	563.198	\$	563,226	\$	563,226	\$	563.198	\$	563,226	\$	3.379.299
155	Less Capacity Credit	Ins 55 + 73 + 83	Ψ	(53,253)	Ψ	(53,251)	Ψ	(53,253)	Ψ	(53,253)	Ψ	(53,251)	Ψ	(53,253)	Ψ	(319,515)
156	Net Purchased Gas Demand Costs		\$	509.972	\$	509.948	\$	509.972	\$	509.972	\$	509.948	\$	509,972	\$	3.059.784
157	Net i dichased das Demand dost	•	Ψ	303,312	Ψ	303,340	Ψ	303,372	Ψ	303,372	Ψ	303,340	Ψ	303,372	Ψ	3,033,704
	Storage Gas Demand Costs															
159	Storage Demand	In 94	\$	_	\$	_	\$	_	\$	_	\$		\$		\$	
160	•	In 95	φ	-	Φ	-	Φ	-	φ	-	φ	-	Φ	-	φ	-
	Less Capacity Credit	In 95	\$	-	\$		\$		\$		\$		\$	-	Φ	
161	Net Storage Demand Costs		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
162	T-1-1 D 1 O1-	1450404	•	F00 070	•	500.040	•	F00.070	•	500.070	•	500.040	•	500.070	•	0.050.704
163	Total Demand Costs	Ins 156 + 161	\$	509,972	\$	509,948	\$	509,972	\$	509,972	\$	509,948	\$	509,972	\$	3,059,784
164																
165	Purchased Gas Supply															
166	Commodity Costs	In 115	\$	2,845,921	\$	1,915,729	\$	1,792,874	\$	1,835,604	\$	2,375,829	\$	3,981,759	\$	14,747,715
167	Less Storage Inj.(TGP Storage)	In 128	Ψ	2,0 .0,02 .	•	.,0.0,.20	Ψ	.,. 02,0	۳	.,000,00.	۳	2,0.0,020	Ψ	0,00.,.00	Ψ	,,
168	Less Storage Transportation	In 129														
169	Less LNG Truck	In 126														
170	Less Propane Truck	In 127														
171	Plus Transportation Costs	In 140		238.625		148.847		150.056		154,763		199.765		341.484		1.233.540
172		111 140	•	2,425,634	\$	1,412,027	Φ.	1,270,083	Ф		\$	1,729,880	\$		¢	11,690,508
	Subtotal Purchased Gas Supply		Ф	2,425,634	Ф	1,412,027	Ф	1,270,063	Ф	1,275,552	Ф	1,729,000	Ф	3,577,332	Ф	11,090,506
173	Ctorono Commondito Conto															
	Storage Commodity Costs	1. 440	•		•		•		•		•		•		•	
175	Commodity Costs	In 118	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
176	Transportation Costs	In 142		-				-		-		-		-		
177	Subtotal Storage Commodity Cos	ts	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
178																
	Produced Gas Commodity Costs	In 123	\$	12,059	\$	11,514	\$	11,887	\$	11,899	\$	11,518	\$	12,005	\$	70,881
180																
181	SubTotal Commodity Costs	Ins 172 + 177 + 179	\$	2,437,693	\$	1,423,541	\$	1,281,970	\$	1,287,451	\$	1,741,397	\$	3,589,338	\$	11,761,390
182																
	Hedge Contract (Savings)/Loss	Sch 7, In 32	\$	1,341,196	\$	_	\$	_	\$	_	\$	_	\$	857,703	\$	2,198,899
184	rioago contract (cavingo//2000	30117, 111 32	Ψ	1,011,100	Ψ		Ψ		Ψ		Ψ		Ψ	007,700	Ψ	2,100,000
	Total Commodity Costs	Ins 181 + 183	\$	3,778,889	\$	1,423,541	\$	1,281,970	\$	1,287,451	\$	1,741,397	\$	4 447 041	\$	13,960,289
	Total Commounty Costs	1113 101 1 103	Ψ	3,770,003	Ψ	1,420,041	Ψ	1,201,570	Ψ	1,207,401	Ψ	1,7 + 1,007	Ψ	7,777,071	Ψ	10,000,200
186	Total Damand Coata	l= 400	Φ.	F00 070	Φ.	500.040	Φ	500.070	Φ	F00.070	Φ	500.040	Φ	500.070	Φ.	0.050.704
	Total Demand Costs	In 100	\$	509,972	Ъ		\$	509,972	Ъ	509,972	Ъ	509,948	\$,	\$	3,059,784
	Total Supply Costs	In 185		3,778,889		1,423,541		1,281,970		1,287,451		1,741,397		4,447,041		13,960,289
185	Tatal Discout Con Conta	1 400 404	•	4 000 004	•	4 000 400	•	4 704 0 40	•	4 707 400	•	0.054.0.5	•	4.057.040	•	47.000.070
186	Total Direct Gas Costs	Ins 183 + 184	\$	4,288,861	\$	1,933,488	\$	1,791,942	\$	1,797,423	\$	2,251,345	\$	4,957,013	\$	17,020,073

1 ENERGY NORTH NATURAL GAS, INC.

1	ENERGY NORTH NATURAL GAS, INC.					
	d/b/a National Grid NH					
3	Off Peak 2009 Summer Cost of Gas Filing					
4	Contracts Ranked on a per Unit Cost Basis					Off Peak
5				Contract	Unit Dth	Cost per
6	Supplier	Contract	Contract Type	Unit	(MDQ/ACQ)	Unit Dth
7	(a)	(b)	(c)	(d)	(e)	(f)
8						
	Demand Costs					
10	Dominion - Capacity Reservation	GSS 300076	Storage	ACQ	102,700	
11	Tenn Gas Pipeline - Cap. Reservations	FS-MA	Storage	ACQ	1,560,391	
12	National Fuel - Capacity Reservation	FSS-1 2357	Storage	ACQ	670,800	
13	Niagra Supply	50.144	Supply	MDQ	3,199	
14	Tenn Gas Pipeline - Demand	FS-MA	Storage	MDQ	21,844	
15	Granite Ridge Demand Dominion - Demand	000 200070	Peaking	MDQ	15,000 934	
16 17	National Fuel - Demand	GSS 300076 FSS-1 2357	Storage Storage	MDQ MDQ	6,098	
18	Tenn Gas Pipeline	42076 FTA Z6-Z6	Transportation	MDQ	20,000	
19	National Fuel	FST 2358	Transportation	MDQ	6,098	
20	Tenn Gas Pipeline	2302 Z5-Z6	Transportation	MDQ	3,122	
21	Tenn Gas Pipeline (short haul)	11234 Z5-Z6(stg)	Transportation	MDQ	1,957	
22	Tenn Gas Pipeline (short haul)	8587 Z4-Z6	Transportation	MDQ	3,811	
23	Tenn Gas Pipeline (short haul)	632 Z4-Z6 (stg)	Transportation	MDQ	15,265	
24	Tenn Gas Pipeline (short haul)	11234 Z4-Z6(stg)	Transportation	MDQ	7,082	
25	Honeoye - Demand	SS-NY	Storage	MDQ	1,362	
26	Iroquois Gas Trans Service	RTS 470-01	Transportation	MDQ	4,047	
27	ANE (TransCanada via Union to Iroquois)	Union Dawn to Iroquois	Transportation	MDQ	4,047	
28	Tenn Gas Pipeline	33371	Transportation	MDQ	4,000	
29	Tenn Gas Pipeline (long haul)	8587 Z1-Z6	Transportation	MDQ	14,561	
30	Tenn Gas Pipeline (long haul)	8587 Z0-Z6	Transportation	MDQ	7,035	
31	Portland Natural Gas Trans Service	FT-1999-001	Transportation	MDQ	1,000	
32						
33	Supply Costs - Commodity					
34	LNG Truck		Pipeline	Dkt	21,730	
35	TGP Supply (Direct)		Pipeline	Dkt	2,302,885	
36	TGP Zone 6 Purchases		Pipeline	Dkt	1,177	
37	Granite Ridge		Pipeline	Dkt	-	
38	Dawn Supply		Pipeline	Dkt	660,399	
39	LNG Vapor (Storage)		Produced	Dkt	15,573	
40	Niagara Supply		Pipeline	Dkt	190,225	
41	PNGTS		Pipeline	Dkt	8,692	
42	Dracut Winter Supply		Pipeline	Dkt	-	
43 44	City Gate Delivered Supply		Pipeline	Dkt	31,780	
	Propane Truck		Pipeline	Dkt	28,882	
45 46	Sumply Costs Volumetric Transportation					
40	Supply Costs - Volumetric Transportation		Pipeline	Dkt		
47	Dracut Winter Supply TGP Zone 6 Purchases		Pipeline Pipeline	Dkt	- 1,177	
49	Niagara Supply		Pipeline	Dkt	190,225	
50	Dawn Supply		Storage	Dkt	660,399	
51	TGP Supply (Direct)		Pipeline	Dkt	2,302,885	
01	. C. Supply (Billoot)			Ditt	_,002,000	

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation Prior Period Balance Plus Nov Collections Nov-08 Dec-08 Jan-09 Feb-09 Mar-09 Apr-09 May-09 Jun-09 Jul-09 Aug-09 Sep-09 Oct-09 Nov-09 Off Peak Period Days in Month October 31, 2008 31 31 30 30 30 31 28 31 30 31 31 30 31 Total (c) (d) (e) (f) (g) (h) (i) (i) (k) (l) (m) (n) (o) (p) (q) 9 Account 175.40 COG (Over)/Under Balance - Interest Calculation 10 11 **Beginning Balance** Account 175.40 1/ 2,954,698 \$ (1,969,485) \$ (1,967,866) \$ (1,973,899) \$ (1,816,523) \$ (1,821,052) \$ (1,826,079) \$ (1,830,957) \$ 540,385 \$ (319,193) \$ (418,926) \$ (341,052) \$ 56,495 \$ 2,557,332 \$ 2,954,698 17,020,073 12 Forecast Direct Gas Costs 4,288,861 1 933 488 1 791 942 1 797 423 2 251 345 4 957 013 13 Production & Storage & Misc Overhead 4,585 4,585 4,585 4,585 4,585 4,585 27,510 14 Projected Revenues w/o Int. In 47 * 49 (1,920,326) (2,797,946) (1,895,243) (1,723,086) (1,858,004) (2,464,363) (2.580.887 (15,239,855) 15 Add Net Adjustments 162,600 162,600 Gas Cost Billed Account 175.40 2/ (4,924,183)(4,924,183) Monthly (Over)/Under Recovery (1,969,485) \$ (1,967,866) \$ (1,811,299) \$ (1,816,523) \$ (1,821,052) \$ (1,826,079) 542,163 \$ (319,488) \$ (417,909) \$ (340,004) \$ 56,874 \$ 2,553,730 \$ Average Monthly Balance $(\ln 11 + 17)/2$ 492,606 \$ (1,967,866) \$ (1,892,599) \$ (1,816,523) \$ (1,821,052) \$ (1,826,079) (644,397) \$ 110,448 \$ (368,551) \$ (379,465) \$ (142,089) \$ 1,305,112 \$ 1,266,889 19 20 Interest Rate Prime Rate 4.00% 3.61% 3.25% 3.25% 3.25% 3.25% 3.25% 3.25% 3.25% 3.25% 3.25% 3.25% 21 22 Interest Applied In 18 * In 20 / 365 * Days of M 1,620 \$ (6,034) \$ (5,224) \$ (4,529) \$ (5,027) \$ (4,878) (1,779) \$ 295 \$ (1,017) \$ (1,047) \$ (380) \$ 3,602 \$ \$ (24,397) 23 24 (Over)/Under Balance In 17 + In 22 (1,967,866) \$ (1,973,899) \$ (1,816,523) \$ (1,821,052) \$ (1,826,079) \$ (1,830,957) 540,385 \$ (319,193) \$ (418,926) \$ (341,052) \$ 25 26 27 Calculation of COG with Interest 28 In 11 (1,969,485) \$ (1,967,866) \$ (1,973,899) \$ (1,816,523) \$ (1,821,052) \$ (1,826,079) 543,272 \$ (312,088) \$ (408,951) \$ (328,458) \$ 71,917 \$ 2,576,511 29 **Beginning Balance** \$ (1,830,957) \$ 30 Forecast Direct Gas Costs In 12 4,288,861 1,933,488 1,791,942 1,797,423 2,251,345 4,957,013 17,020,073 31 Prod Storage & Misc Overhead In 13 4,585 4,585 4,585 4,585 4,585 4,585 27,510 32 Projected Revenues with int. In 47 * 51 (1,917,441) (2,793,742)(1,892,395) (1,720,497)(1,855,212) (2,460,660) (2,577,009 (15,216,955) 33 Add Net Adjustments In 15 162,600 162,600 34 (4.924.183) (4.924.183) Gas Cost Billed In 16 35 36 Gas Cost Unbilled Reverse Prior Month Unbilled 37 Add Interest In 22 (1.779)295 (1.017)(1.047)(380)3 602 (325 (1,969,485) \$ (1,967,866) \$ (1,811,299) \$ (1,816,523) \$ (1,821,052) \$ (1,826,079) (1.969.485) \$ 38 (Over)/Under Balance 543.270 (312,101)(408.973)(328.487)2.576.458 23,417 39 492,606 \$ (1,967,866) \$ (1,892,599) \$ (1,816,523) \$ (1,821,052) \$ (1,826,079) (360,530) \$ (368,719) \$ 40 Average Monthly Balance (643.843) \$ 115.585 \$ (128,289) \$ 1,324,188 41 42 Interest Applied In 20 * In 40 / 365 * Days of Month 1,620 (6,034)(5,224)(5,027)(4,878) (1,777)309 (995)(1,018)3,655 (24,240) 43 44 (Over)/Under Balance -In 37 +In 38 + In 42 (1,969,485) \$ (1,967,866) \$ (1,973,899) \$ (1,816,523) \$ (1,821,052) \$ (1,826,079) \$ (1,830,957) 543,272 \$ (312,088) \$ (408,951) \$ (328,458) \$ 71,917 \$ 2,576,511 \$ (498 (498)45 47 Forecast Billing Therm Sales Sch. 10B, In 24 May - Oct 2,885,539 4,204,276 2,847,848 2,589,160 2,791,892 3,703,024 3,878,11 22,899,858 48 49 \$0.6655 \$0.6655 \$0.6655 \$0.6655 \$0.6655 COG w/o Interest Sch. 3, pg. 4, In 184 col. (c) \$0.6655 \$0.665 50 51 \$0.6645 \$0.6645 \$0.6645 \$0.6645 \$0.6645 \$0.6645 \$0.664 OG With Interest Sch. 3, pg. 4. In 184 col. (d) 52

^{53 1/} Beginning Balance for Acct 175.40, per Schedule 1, page 2, line 20, October 2008 column, as filed in the DG 07-129 Summer Cost of Gas Reconciliation, filed on 1/30/2009.

^{42/} Gas Cost Billed Acct 175.40, per Schedule 1, page 2, line 8, November 2008 column, as filed in the DG 07-129 2008 Summer Cost of Gas Reconciliation, filed on 1/30/2009.

^{5 3/} Prior Period Adjustment for Non-Daily Metered Delivery Service Imbalance for Summer 2008, per Delivery Terms and Conditions, Section 10.7.

2 d/b/a National Grid NH 3 Off Peak 2009 Summer Cost of Gas Filing

	Days in Month	Prior Period Balance Plus Nov Collections October 31, 2008	Nov-08 30	Dec-08 31	Jan-09 31	Feb-09 28	Mar-09 31	Apr-09 30		31	Jun-09 30	Jul-09 31	Aug-09 31	Sep-09 30	Oct-09 31	Nov-09 30	Off Peak P Total
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)		(j)	(k)	(I)	(m)	(n)	(o)	(b)	(p)
ount 142.40 Working Capital (C	ver)/Under Balance - Interes	t Calculation															
Beginning Balance	Account 142.40	\$ (38,418)	\$ (68,107) \$	(68,283) \$	(68,492) \$	(68,681) \$	(68,852) \$	(69,042)	\$	(69,227) \$	(46,918) \$	(42,133) \$	(35,809) \$	(28,965) \$	(19,534) \$	5,754	\$ (38
Forecast Working Capital	In 30 * .56%		-	-	-	-	-	-		27,663	12,471	11,558	11,593	14,521	31,973	-	10
Projected Revenues w/o Int.	In 102 * In 104		-	-	-	-	-	-		(5,194)	(7,568)	(5,126)	(4,660)	(5,025)	(6,665)	(6,981	(4
Add Net Adjustments			-	-	-	-	-	-		-	-	-	-	-	-	-	
Working Capital Billed	Account 142.40	(29,689)															(2
Monthly (Over)/Under Recovery		\$ (68,107)	\$ (68,107) \$	(68,283) \$	(68,492) \$	(68,681) \$	(68,852) \$	(69,042)	\$	(46,757) \$	(42,014) \$	(35,701) \$	(28,876) \$	(19,469) \$	5,773 \$	(1,226	\$
Average Monthly Balance	(In 63 + 73)/ 2		\$ (53,263) \$	(68,283) \$	(68,492) \$	(68,681) \$	(68,852) \$	(69,042)	\$	(57,992) \$	(44,466) \$	(38,917) \$		(24,217) \$	(6,880)		
Interest Rate	Prime Rate		4.00%	3.61%	3.25%	3.25%	3.25%	3.25%		3.25%	3.25%	3.25%	3.25%	3.25%	3.25%		
Interest Applied	In 75 * In 77 / 365 * Days o		\$ (175) \$. , ,	(189) \$	(171) \$	(190) \$	(184)	\$	(160) \$	(119) \$	(107) \$	(89) \$	(65) \$	(19)		\$
(Over)/Under Balance	In 71 + In 77	\$ (68,107)	\$ (68,283) \$	(68,492) \$	(68,681) \$	(68,852) \$	(69,042) \$	(69,227)	\$	(46,918) \$	(42,133) \$	(35,809) \$	(28,965) \$	(19,534) \$	5,754 \$	(1,226) (
culation of Working Capital wit	h Interest																
Beginning Balance Forecast Working Capital	In 65	\$ (38,418)	\$ (68,107) \$	(68,283) \$	(68,492) \$	(68,681) \$	(68,852) \$	(69,042)	\$	(69,227) \$ 27,663	(46,629) \$ 12,471	(41,423) \$ 11,558	(34,811) \$ 11,593	(27,706) \$ 14,521	(17,992) \$ 31,973	7,672	\$ (3 10
Projected Rev. with interest	In 102 * In 106 In 69		-	-	-	-	-	-		(4,905)	(7,147)	(4,841)	(4,402)	(4,746)	(6,295)	(6,593	
Add Net Adjustments Working Capital Billed WC Unbilled	In 71	(29,689)	-	-	-	-	-	-			-	-	-	-	-		(2
Reverse WC Unbilled Add Interest	In 79		_	_	_	_	-	_		(160)	- (119)	- (107)	(89)	(65)	(19)	-	
Monthly (Over)/Under Recovery		\$ (68,107)	\$ (68,107) \$	(68,283) \$	(68,492) \$	(68,681) \$	(68,852) \$	(69,042)	\$	(46,629) \$	(41,424) \$	(34,813) \$	(27,709) \$	(17,995) \$	7,667 \$	1,079	\$
Average Monthly Balance			\$ (53,263) \$	(68,283) \$	(68,492) \$	(68,681) \$	(68,852) \$	(69,042)	\$	(57,928) \$	(44,026) \$	(38,118) \$	(31,260) \$	(22,851) \$	(5,162)		
Interest Applied	In 77 * In 96 / 365 * Days o	f Month	(175)	(209)	(189)	(171)	(190)	(184)		(160)	(118)	(105)	(86)	(61)	(14)	-	\$ (
(Over)/Under Balance	-ln 93 +ln 94 + ln 98	\$ (68,107)	\$ (68,283) \$	(68,492) \$	(68,681) \$	(68,852) \$	(69,042) \$	(69,227)	\$	(46,629) \$	(41,423) \$	(34,811) \$	(27,706) \$	(17,992) \$	7,672 \$	1,079	\$
	In 47								2,	,885,539	4,204,276	2,847,848	2,589,160	2,791,892	3,703,024	3,878,117	22,89
Forecast Term Sales										\$0.0018	\$0.0018	\$0.0018	\$0.0018	\$0.0018	\$0.0018	\$0.0018	,
Forecast Term Sales Working Cap. Rate w/out Int.	Sch. 3, pg. 4, In 201 col. (c)								\$0.0016	ψ0.0010	*******	*******	ψ0.0010	ψ0.0010	ψ0.001	'l

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing 4 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation 110 Prior Period Balance 111 Nov-08 Dec-08 Jan-09 Feb-09 Mar-09 Apr-09 May-09 Jun-09 Jul-09 Aug-09 Sep-09 Oct-09 Nov-09 Off Peak Period Plus Nov Collections 112 October 31, 2008 31 31 30 30 Days in Month 30 31 28 31 30 31 31 30 31 Total 113 (c) (d) (e) (f) (g) (h) (i) (i) (k) (I) (m) (n) (o) (p) (q) 114 115 Account 175.54 Bad Debt (Over)/Under Balance - Interest Calculation 116 117 Forecast Direct Gas Costs In 30 - \$ \$ 4.288.861 \$ 1.933.488 \$ 1.791.942 \$ 1.797.423 \$ 2.251.345 \$ 4.957.013 \$ 17.020.073 In 86 + (May includes prior 118 Forecast Working Capital period) (41,563)12,471 11,558 11,593 14,521 31,973 40,553 119 Prior Period Balance In 17 / 6 (328, 248)(328, 248)(328, 248)(328, 248)(328, 248)(328, 248)(1,969,485) 120 Total Forecast Direct Gas Costs & Working Capital 3,919,050 1,617,712 1,475,252 1,480,769 1,937,619 4,660,738 17,060,626 121 122 **Beginning Balance** Account 175.54 (44,065) (126,096) \$ (126,483) \$ (126,832) \$ (127,148) \$ (127,499) (127,840) \$ (76,852) \$ (73,768) \$ (65,229) \$ (55,016) \$ (37,984) \$ 21,338 \$ (44,065) 123 124 Forecast Bad Debt In 120 * .97% 68,583 28,310 25,817 25,913 33,908 81,563 264,095 125 126 Projected Revenues w/o int In 158 * In 160 (17.313)(25.226) (17,087)(15,535)(16.751)(22,218)(23.269 (137,399) 127 128 (81.752) Bad Debt Billed Account 175.54 (81.752) 129 130 Add Net Adjustments (126 483) \$ (126.832) \$ (127,148) \$ (127,499) (65,038) \$ (37.860) \$ (1,930)131 Monthly (Over)/Under Recovery (125,817) \$ (125.817) \$ (126.096) \$ (76.570) \$ (73,768) \$ (54.851) \$ 21.361 \$ 879 132 133 Average Monthly Balance (ln 122 + 131)/ 2 (84.941) \$ (126,096) \$ (126,483) \$ (126,832) \$ (127,148) \$ (127,499 (102,205) \$ (75.310) \$ (69,403) \$ (60,040) \$ (46.438) \$ (8,311) \$ 9,704 134 135 Interest Rate Prime Rate 4.00% 3.61% 3 25% 3 25% 3 25% 3.25% 3 25% 3 25% 3 25% 3 25% 3 25% 3.25% 136 137 In 133 * In 135 / 365 * Days of Mo. (279) \$ (387) \$ (349) \$ (316) \$ (351) \$ (341) (282) \$ (201) \$ (192) \$ (166) \$ (124) \$ (23)(3,010) Interest Applied 138 (126,096) \$ (76,852) \$ (73,969) \$ 139 (Over)/Under Balance In 131 + In 137 (125,817) \$ (126,483) \$ (126,832) \$ (127,148) \$ (127,499) \$ (127,840) (65,229) \$ (55,016) \$ (37,984) \$ 21,338 \$ (2,132)140 141 142 Calculation of Bad Debt with Interest 143 (64,434) \$ (53,960) \$ 144 **Beginning Balance** (44.065) \$ (125.817) \$ (126.096) \$ (126,483) \$ (126,832) \$ (127,148) \$ (127,499) \$ (127,840) \$ (76,563) \$ (73,259) \$ (36.645) \$ 23.051 (44.065) 145 Forecast Bad Debt In 124 68.583 28.310 25.817 25.913 33.908 81.563 264.095 146 Projected Revenues with int. In 158 * 162 (17,025)(24,805)(16,802)(15,276)(16,472)(21,848)(22,881)(135,109) 147 Bad Debt Billed In 128 (81,752) (81,752) 148 In 137 (282)(201) (192)(166)(124)(23)(988) 149 Add Net Adjustments 150 Monthly (Over)/Under Recovery (125,817) \$ (125,817) \$ (126,096) \$ (126,483) \$ (126,832) \$ (127,148) \$ (127,499) (76,563) \$ (73,260) \$ (64,436) \$ (53,962) (36,648) \$ 23,047 171 2,181 151 152 (74,911) \$ Average Monthly Balance (In 144 + 150)/ 2 (84,941) \$ (126,096) \$ (126,483) \$ (126,832) \$ (127,148) \$ (127,499) (102,202) \$ (68,847) \$ (59,198) \$ (45,304) \$ (6,799) \$ 11,61 153 154 Interest Applied In 135 * In 152 / 365 * Days of Month (387)(316) (351) (341 (282)(200) (190) (163) (121) (19) (2,998) 155 156 -In 148 +In 150 + In 154 (125.817) \$ (126.096) \$ (126.483) \$ (126.832) \$ (127.148) \$ (127.499) \$ (127.840) (76.563) \$ (73.259) \$ (64,434) \$ (53.960) \$ (36.645) \$ 23.051 \$ 171 171 (Over)/Under Balance 157 158 Forecast Term Sales 4.204.276 2.847.848 2.589.160 2.791.892 3.703.024 3.878.11 22,899,858 2.885.539 159 160 COG Rate Without Interest Sch. 3, pg. 4, In 218 col. (c) \$0,0060 \$0,0060 \$0,0060 \$0,0060 \$0,0060 \$0,0060 \$0.0060 161 COG With Interest 162 Sch. 3, pg. 4, In 218 col. (d) \$0.0059 \$0.0059 \$0.0059 \$0.0059 \$0.0059 \$0.0059 \$0.005 163 1/ Beginning Balance for Acct 175.54, per Schedule 1, page 4, line 15, October 2008 column, as filed in the DG 07-129 2008 Summer Cost of Gas Reconciliation, filed on 1/30/2009. 164 2/ Gas Cost Billed Acct 175.54, per Schedule 1, page 4, line 5, November 2008 column, as filed in the DG 07-129 2008 Summer Cost of Gas Reconciliation, filed on 1/30/2009. 165 166 **Total Interest** Ins 42 + 98 + 154 (6,630) \$ (5,762) \$ (5,016) \$ (5,568) \$ (5,403) (2,219) \$ (9) \$ (1,290) \$ (1,267) \$ (525) \$ 3,622 \$ - \$ (28,902) 167

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1 ENERGY NORTH NATURAL GAS, INC.

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 COG (Over)/Under Cumulative Recovery Balances and Interest Calculation

	oo (over), on a or our manager of the or	Tory Datamose and Interest Galdalane.		COG Rate	CC	OG Rate With
168	Calculation of COG		Wi	thout Interest		Interest
169	(a)	(b)		(c)		(d)
170 171	(Over)Under Recovery Balance	In 11, col. (d)	\$	(1,969,485)	\$	(1,969,485)
172 173	Unadjusted Forecast of Gas Cost	s In 12, col. (q)		17,020,073		17,020,073
174 175	Production & Storage and Misc Ov	n In 13, col. (q)		27,510		27,510.1
176 177	Adjustments	In 15, col. (q)		162,600		162,600
178 179	Interest May - Oct	In 42, col. (q)		<u> </u>	\$	(24,240)
180 181	Total Gas To Be Recovered		\$	15,240,698	\$	15,216,458
182 183	Forecast Gas Sales (May - Oct)	In 47, col. (q)		22,899,858		22,899,858
184 185	Preliminary COG Rate	In 180 / 182		\$0.6655	_	\$0.6645
186						
				orking Capital Rate without	We	orking Capital Rate with
187	Calculation of Working Capital F	Rate	_	interest		Interest
188	(a)	(b)		(c)		(d)
189 190	(Over)Under Recovery Balance	In 63, col. (q)	\$	(68,107)	\$	(68,107)
191 192	Unadjusted Working Capital Forecast	In 65, col. (q)		109,779		109,779
193 194	Adjustments without interest	In 69, col. (q)		-		-
195 196	Interest May - Oct	In 98, col. (q)		-	\$	(1,664)
197 198	Total Gas To Be Recovered		\$	41,672	\$	40,008
199 200	Forecast Gas Sales	In 47, col. (q)		22,899,858		22,899,858
201 202 203	Preliminary Working Capital COG	Rate		\$0.0018	_	\$0.0017
204	Calculation of Bad Debt Rate			ad Debt Rate thout Interest		ad Debt Rate with interest
205	(a)	(b)	_	(c)	_	
206 207	(Over)Under Recovery Balance	In 122, col. (q)	\$	(125,817)	\$	(125,817)
208 209	Unadjusted Bad Debt Forecast	In 124, col. (q)		264,095		264,095
210 211	Adjustments without interest	In 129, col. (q)		-		-
212 213	Interest May - Oct	In 154, col. (q)	_		\$	(2,998)
214 215	Total Gas To Be Recovered		\$	138,278	\$	135,280
216 217	Forecast Gas Sales (May - Oct)	In 47, col. (q)		22,899,858		22,899,858
218	Preliminary Bad Debt COG Rate		_	\$0.0060		\$0.0059

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing 4 Adjustments to Gas Costs

5

6 <u>Adj</u> 7 8	ustments (a)	ior Period justments (b)	nds from opliers (c)	Broker Revenue (d)		Inventory Finance Charges (e)	Transportation CGA Revenues (f)	Interruptible Sales Margin (g)	Off System Sales Margin (h)	Capacity Release Margin (i)	Hedgiı	COG Ang Costs	Fixed Price Option Administrative Costs (k)	Tot Adjusti (m	ments
9	Nov-08	\$ -	\$ -	\$	- \$	-	- \$	- \$ -		\$	- \$	- \$	-	\$	-
10	Dec-08	-	-		-	-	-	-			-	-	-		-
11	Jan-09	162,600	-		-	-	-	-			-	-	-	16	62,600
12	Feb-09	-			-	-	-	-			-	-	-		-
13	Mar-09	-	-		-	-	-	-			-	-	-		-
14	Apr-09	-	-		-	-	-	-			-	-	-		-
15	May-09	-	-		-	-	-	-			-	-	-		-
16	Jun-09	-	-		-	-	-	-			-	-	-		-
17	Jul-09	-	-		-	-	-	-			-	-	-		-
18	Aug-09	-	-		-	-	-	-			-	-	-		-
19	Sep-09	-	-		-	-	-	-			-	-	-		-
20	Oct-09	-	-		-	-	-	-			-	-	-		-
21															
22 Tota	al Off Peak Period	\$ 162,600	\$ -	\$ -	\$	-	\$ -	\$ -		\$ -	\$	- \$	-	\$ 16	62,600

1 ENERGY NORTH N	NATURAL GAS, INC.
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2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 Demand Costs

5 6 7 8 9 10 11 S 0	(a) Upply Niagra Supply Ubtotal Supply Demand & Reservation Charges	Peak (b)	Reference (c) Sch 5B, ln 9 * Sch 5C ln 9 x days		May-09 (d)		Jun-09 (e)		Jul-09 (f)		Aug-09 (g)		Sep-09 (h)		Oct-09 (i)		Off Peak May - Oct Total (j)	M	Peak lay - Oct Total (k)
14																			
	peline																		
16 17	Iroquois Gas Trans Service RTS 470-0 Tenn Gas Pipeline 33371		Sch 5B, ln 12 * Sch 5C ln 12 x days Sch 5B, ln 13 * Sch 5C ln 16 x days	\$	26,698 42,440	\$	26,698 42,440	\$	26,698 42,440	\$	26,698 42,440	\$	26,698 42,440	\$	26,698 42,440	\$	160,191 254,640		0
18	Tenn Gas Pipeline 33371 Tenn Gas Pipeline 2302 Z5-Z6		Sch 5B, ln 14 * Sch 5C ln 18 x days		15,391		15,391		15,391		15,391		15,391		15,391		92,349		0
19	Tenn Gas Pipeline 8587 Z0-Z6		Sch 5B, ln 15 * Sch 5C ln 20 x days		116,711		116,711		116,711		116,711		116,711		116,711		700,264		0
20	Tenn Gas Pipeline 8587 Z1-Z6		Sch 5B, ln 16 * Sch 5C ln 22 x days		220,599		220,599		220,599		220,599		220,599		220,599		1,323,595		0
21	Tenn Gas Pipeline 8587 Z4-Z6		Sch 5B, ln 17 * Sch 5C ln 24 x days		22,447		22,447		22,447		22,447		22,447		22,447		134,681		0
22	Tenn Gas Pipeline (Dracut) 42076 Z6-Z6		Sch 5B, ln 18 * Sch 5C ln 26 x days		63,200		63,200		63,200		63,200		63,200		63,200		379,200		0
23	Portland Natural Gas Trans Service		Sch 5B, ln 19 * Sch 5C ln 28 x days		27,402		27,402		27,402		27,402		27,402		27,402		164,410		0
24	ANE (TransCanada via Union to Iroquois)		Sch 5B, ln 20 * Sch 5C ln 44 x days		27,494		27,494		27,494		27,494		27,494		27,494		164,967		0
25	Tenn Gas Pipeline Z4-Z6 stg 632	peak	Sch 5B, ln 21 * Sch 5C ln 30 x days		89,911		89,911		89,911		89,911		89,911		89,911		-		539,465
26	Tenn Gas Pipeline Z4-Z6 stg 11234	peak	Sch 5B, ln 22 * Sch 5C ln 32 x days		41,713		41,713		41,713		41,713		41,713		41,713		-		250,278
27	Tenn Gas Pipeline Z5-Z6 stg 11234	peak	Sch 5B, ln 23 * Sch 5C ln 34 x days		9,648		9,648		9,648		9,648		9,648		9,648		-		57,888
28 29	National Fuel FST 2358	peak	Sch 5B, ln 24 * Sch 5C ln 36 x days		20,497		20,497		20,497		20,497		20,497		20,497		-		122,980
	ubtotal Pipeline Demand Charges			\$	724.151	Ф	724.151	Ф	724,151	œ	724,151	¢	724,151	Ф	724,151	¢	3.374.296	e	970.611
31	ubiolai Fipellile Demario Charges			φ	724,131	φ	124,131	φ	124,131	φ	124,131	φ	124,131	Ψ	124,131	φ	3,374,290	φ	970,011
	eaking Supply																		
33	Granite Ridge Demand	peak	Sch 5B, In 27 * Sch 5C In 47 x days																
34	DOMAC Liquid FLS-164	peak	Per 08-09 Contract																
35	DOMAC Demand FLS-160	peak	Per 08-09 Contract																
36	Virginia Power Energy Marketing	Peak	Per 08-09 Contract																
37	Transgas Trucking	peak	Per 08-09 Contract																
38 SI	ubtotal Peaking Demand Chargs																		
39																			
	ubtotal Supply, Pipeline & Peaking		In 13 + In 30 + In 38	\$	744,994	\$	744,967	\$	744,994	\$	744,994	\$	744,967	\$	744,994	\$	3,379,299	\$	1,090,611
41				_		_		_		_		_		_		_		_	
42 43	Less Transportation Capacity Credit			\$	(70,440)	\$	(70,437)	\$	(70,440)	\$	(70,440)	\$	(70,437)	\$	(70,440)	\$	(319,515)	\$	(103,118)
	otal Supply, Pipeline & Peaking Demand			\$	674,554	\$	674,530	\$	674,554	\$	674,554	\$	674,530	\$	674,554	\$	3.059.784	\$	987,493
45				~	3. 1,004	Ψ	2,000		IIS PAGE						2. 1,00 T	Ψ	-,500,.07	*	23.,.00
40								•••						-					

1	ENERGY	NORTH	NATURAL	GAS, INC.
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2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 Demand Costs

5 6																	Off Peak		Peak
7																	May - Oct	1	May - Oct
8		Peak	Reference		May-09		Jun-09		Jul-09		Aug-09		Sep-09		Oct-09		Total		Total
9	(a)	(b)	(c)		(d)		(e)		(f)		(g)		(h)		(i)		(j)		(k)
46 S	torage																		
47	Dominion - Demand	peak	Sch 5B, ln 31 * Sch 5C ln 51 x days	\$	1,757	\$	1,757	\$	1,757	\$	1,757	\$	1,757	\$	1,757	\$	-	\$	10,544
48	Dominion - Storage	peak	Sch 5B, ln 32 * Sch 5C ln 52 x days		1,489		1,489		1,489		1,489		1,489		1,489		-		8,935
49	Honeoye - Demand	peak	Sch 5B, ln 33 * Sch 5C ln 55 x days		8,744		8,744		8,744		8,744		8,744		8,744		-		52,466
50	National Fuel - Demand	peak	Sch 5B, ln 35 * Sch 5C ln 57 x days		13,145		13,145		13,145		13,145		13,145		13,145		-		78,869
51	National Fuel - Capacity	peak	Sch 5B, ln 36 * Sch 5C ln 58 x days		28,979		28,979		28,979		28,979		28,979		28,979		-		173,871
52	Tenn Gas Pipeline - Demand	peak	Sch 5B, ln 37 * Sch 5C ln 61 x days		25,121		25,121		25,121		25,121		25,121		25,121		-		150,724
53	Tenn Gas Pipeline - Capacity	peak	Sch 5B, ln 38 * Sch 5C ln 62 x days		28,867		28,867		28,867		28,867		28,867		28,867		-		173,203
54																			
55 S	ubtotal Storage Demand Costs			\$	108,102	\$	108,102	\$	108,102	\$	108,102	\$	108,102	\$	108,102	\$	-	\$	648,613
56																			
57	Less Transportation Capacity Credit			\$	(10,221)	\$	(10,221)	\$	(10,221)	\$	(10,221)	\$	(10,221)	\$	(10,221)	\$	-	\$	(61,327)
58																			
59 T	otal Storage Demand Costs		In 55 + In 57	\$	97,881	\$	97,881	\$	97,881	\$	97,881	\$	97,881	\$	97,881	\$	-	\$	587,286
60																			
61 T	otal Demand Charges		In 40 + In 55	\$	853,096	\$	853,069	\$	853,096	\$	853,096	\$	853,069	\$	853,096	\$	3,379,299	\$	1,739,223
62																			
63 T	otal Transportation Capacity Credit		In 42 + In 57	\$	(80,661)	\$	(80,658)	\$	(80,661)	\$	(80,661)	\$	(80,658)	\$	(80,661)	\$	(319,515)	\$	(164,445)
64	, , ,																,		
65 T	otal Demand Charges less Cap. Cr.		In 61 + In 63	\$	772,435	\$	772,411	\$	772,435	\$	772,435	\$	772,411	\$	772,435	\$	3,059,784	\$	1,574,778
66																			
67 M	lonthly Off Peak Demand			\$	563,226	\$	563,198	\$	563,226	\$	563.226	\$	563,198	\$	563,226	\$	3,379,299	\$	-
	onthly Off Peak Transportation Cap Credit				(53,253)	*	(53,251)	*	(53,253)	•	(53,253)	*	(53,251)	*	(53,253)	•	(319,515)	-	-
	otal Off Peak Demand			\$	509,972	\$	509.948	\$	509,972	\$	509,972	\$	509,948	\$	509,972	\$	3,059,784	\$	
70				•	223,012	~	222,010	•	,	~	,	~	222,010	*	,0.2	7	2,223,70	7	
	onthly Peak Demand			\$	289,871	\$	289,871	\$	289,871	\$	289,871	\$	289,871	\$	289,871	\$	_	\$	1,739,223
	onthly Peak Transportation Cap Credit			Ÿ	(27,407)	Ψ	(27,407)	*	(27,407)	Ψ	(27,407)	Ψ	(27,407)	Ψ	(27,407)	Ψ	_	Ψ	(164,445)
	otal Peak Demand			\$	262,463	\$	262,463	\$	262,463	\$	262,463	\$		\$		\$	_	\$	1,574,778
74				Ÿ	_0_,.00	Ψ	_32,.00	*	_0_,.00	Ψ	_0_,.00	Ψ	_02,.00	Ψ	_0_,.00	Ψ		Ψ	.,5, 5

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d/b/a National Grid NH

Off Peak 2009 Summer Cost of Gas Filing

Demand Volumes

5	Demand V	<u>orumes</u>								
6			Peak	Reference	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09
7		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
8	Supply	(4)	(5)	(5)	(4)	(0)	(.)	(9)	()	(.)
9	очрр.,	Niagra Supply			3,199	3,199	3,199	3,199	3,199	3,199
10		3 11 7			,	-,	-,	-,	-,	-,
11	Pipeline									
12	-	Iroquois Gas Trans Service		RTS 470-01	4,047	4,047	4,047	4,047	4,047	4,047
13		Tenn Gas Pipeline		33371	4,000	4,000	4,000	4,000	4,000	4,000
14		Tenn Gas Pipeline		2302 Z5-Z6	3,122	3,122	3,122	3,122	3,122	3,122
15		Tenn Gas Pipeline (long haul)		8587 Z0-Z6	7,035	7,035	7,035	7,035	7,035	7,035
16		Tenn Gas Pipeline (long haul)		8587 Z1-Z6	14,561	14,561	14,561	14,561	14,561	14,561
17		Tenn Gas Pipeline (short haul)		8587 Z4-Z6	3,811	3,811	3,811	3,811	3,811	3,811
18		Tenn Gas Pipeline		42076 FTA Z6-Z6	20,000	20,000	20,000	20,000	20,000	20,000
19		Portland Natural Gas Trans Service		FT-1999-001	1,000	1,000	1,000	1,000	1,000	1,000
20		ANE (TransCanada via Union to Iroquois	s)	Union Dawn to Iroquois	4,047	4,047	4,047	4,047	4,047	4,047
21		Tenn Gas Pipeline (short haul)	peak	632 Z4-Z6 (stg)	15,265	15,265	15,265	15,265	15,265	15,265
22		Tenn Gas Pipeline (short haul)	peak	11234 Z4-Z6(stg)	7,082	7,082	7,082	7,082	7,082	7,082
23		Tenn Gas Pipeline (short haul)	peak	11234 Z5-Z6(stg)	1,957	1,957	1,957	1,957	1,957	1,957
24		National Fuel	peak	FST 2358	6,098	6,098	6,098	6,098	6,098	6,098
25										
26	Peaking									
27		Granite Ridge Demand	peak		15,000	15,000	15,000	15,000	15,000	15,000
28		DOMAC Liquid Demand Charge	peak		0	0	0	0	0	0
29										
30	Storage			000 00000						
31		Dominion - Demand	peak	GSS 300076	934	934	934	934	934	934
32		Dominion - Capacity Reservation	peak	GSS 300076	102,700	102,700	102,700	102,700	102,700	102,700
33		Honeoye - Demand	peak	SS-NY	1,362	1,362	1,362	1,362	1,362	1,362
34		Honeoye - Capacity	peak	SS-NY	246,240	246,240	246,240	246,240	246,240	246,240
35		National Fuel - Demand	peak	FSS-1 2357	6,098	6,098	6,098	6,098	6,098	6,098
36		National Fuel - Capacity Reservation	peak	FSS-1 2357	670,800	670,800	670,800	670,800	670,800	670,800
37		Tenn Gas Pipeline - Demand	peak	FS-MA	21,844	21,844	21,844	21,844	21,844	21,844
38		Tenn Gas Pipeline - Cap. Reservations	peak	FS-MA	1,560,391	1,560,391	1,560,391	1,560,391	1,560,391	1,560,391

2 d/ 3 O : 4 D :	NERGY NORTH NATURAL GA b/a National Grid NH ff Peak 2009 Summer Cost of Ga emand Rates	·										
5 6 T a	ariff Rates					May-09 31	Jun-09 30	Jul-09 31	Aug-09 31	Sep-09 30	Oct-09 31	May - Oct 184
7						Unit Rate	Avg Rate					
8 S i 9 10	u pply Niagra Supply											
11 P i	peline											
12 13	Iroquois Gas Trans Service	RTS 470-01	\$6.5971	30th Rev Sheet No. 4		\$0.2128	\$0.2199	\$0.2128	\$0.2128	\$0.2199	\$0.2128	\$0.2152
14 15		1 Segment 3 1 Segment 4		42nd Rev Sheet No. 268 42nd Rev Sheet No. 268		\$0.1635 \$0.1787	\$0.1690 \$0.1847	\$0.1635 \$0.1787	\$0.1635 \$0.1787	\$0.1690 \$0.1847	\$0.1635 \$0.1787	\$0.1654 \$0.1807
16		-	\$10.6100	-		\$0.3423	\$0.3537	\$0.3423	\$0.3423	\$0.3537	\$0.3423	\$0.3461
17 18 19	Tenn Gas Pipeline	2302 Z5-Z6	\$4.9300	26th Rev Sheet No. 23		\$0.1590	\$0.1643	\$0.1590	\$0.1590	\$0.1643	\$0.1590	\$0.1608
20	Tenn Gas Pipeline	8587 Z0-Z6	\$16.5900	26th Rev Sheet No. 23		\$0.5352	\$0.5530	\$0.5352	\$0.5352	\$0.5530	\$0.5352	\$0.5411
21 22 23	Tenn Gas Pipeline	8587 Z1-Z6	\$15.1500	26th Rev Sheet No. 23		\$0.4887	\$0.5050	\$0.4887	\$0.4887	\$0.5050	\$0.4887	\$0.4941
24	Tenn Gas Pipeline	8587 Z4-Z6	\$5.8900	26th Rev Sheet No. 23		\$0.1900	\$0.1963	\$0.1900	\$0.1900	\$0.1963	\$0.1900	\$0.1921
25 26 27	TGP Dracut	42076 FTA Z6-Z6	\$3.1600	26th Rev Sheet No. 23		\$0.1019	\$0.1053	\$0.1019	\$0.1019	\$0.1053	\$0.1019	\$0.1031
28	Portland Natural Gas	FT-1999-001	\$27.4017	4th Rev Sheet No. 100		\$0.8839	\$0.9134	\$0.8839	\$0.8839	\$0.9134	\$0.8839	\$0.8937
29 30 31	Tenn Gas Pipeline	632 Z4-Z6 (stg)	\$5.8900	26th Rev Sheet No. 23		\$0.1900	\$0.1963	\$0.1900	\$0.1900	\$0.1963	\$0.1900	\$0.1921
32	Tenn Gas Pipeline	11234 Z4-Z6(stg)	\$5.8900	26th Rev Sheet No. 23		\$0.1900	\$0.1963	\$0.1900	\$0.1900	\$0.1963	\$0.1900	\$0.1921
33 34	Tenn Gas Pipeline	11234 Z5-Z6(stg)	\$4.9300	26th Rev Sheet No. 23		\$0.1590	\$0.1643	\$0.1590	\$0.1590	\$0.1643	\$0.1590	\$0.1608
35 36 37	National Fuel	FST 2358	\$3.3612	123rd Rev Sheet No. 9		\$0.1084	\$0.1120	\$0.1084	\$0.1084	\$0.1120	\$0.1084	\$0.1096
37 38 39 40 41 42 43 44 45	ANE TransCanada PipeLines Delivery Pressure Demi Sub Total Demand Ct Conversion rate GJ to N Conversion rate to US\$ Demand Rate/US\$	and Charge narges MMBTU		Union Dawn to Iroquois Union Dawn to Iroquois	3/5/2009	\$0.2192	\$0.2265	\$0.2192	\$0.2192	\$0.2265	\$0.2192	\$0.2216
47 48	eaking Granite Ridge Demand DOMAC Liquid FLS-164			per contract								
49 50 S t	orage											
51	Dominion - Demand	GSS 300076	\$1.8815	33rd Rev Sheet No. 35		\$0.0607	\$0.0627	\$0.0607	\$0.0607	\$0.0627	\$0.0607	\$0.0615
52	Dominion - Capacity	GSS 300076	\$0.0145	33rd Rev Sheet No. 35		\$0.0005	\$0.0005	\$0.0005	\$0.0005	\$0.0005	\$0.0005	\$0.0005
53 54		·-	\$1.8960	-		\$0.0612	\$0.0632	\$0.0612	\$0.0612	\$0.0632	\$0.0612	\$0.0620
55 56	Honeoye - Demand	SS-NY	\$6.4187	Sub 1st Rev Sheet 5		\$0.2071	\$0.2140	\$0.2071	\$0.2071	\$0.2140	\$0.2071	\$0.2098
57	National Fuel - Demand	FSS-1 2357		16th Rev. Sheet No. 10		\$0.0695	\$0.0719	\$0.0695	\$0.0695	\$0.0719	\$0.0695	\$0.0705
58 59	National Fuel - Capacity	FSS-1 2357	\$0.0432 \$2.1988	16th Rev. Sheet No. 10		\$0.0014 \$0.0709	\$0.0014 \$0.0733	\$0.0014 \$0.0709	\$0.0014 \$0.0709	\$0.0014 \$0.0733	\$0.0014 \$0.0709	\$0.0014 \$0.0719
60 60			φ2.1300			φυ.υ/υ9	φυ.υτ 33	φυ.υ/υ9	φυ.υ/υ9	φυ.υ/ 33	φυ.υ/υ9	φυ.υ/ 19

\$0.0383

\$0.0006

\$0.0371

\$0.0006

\$0.0371

\$0.0006

\$0.0383

\$0.0006

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\$0.0006

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\$0.0006

\$0.0377

60 61

Tenn Gas Pipeline

Tenn Gas Pipeline - Space

FS-MA

FS-MA

\$1.1500 17th Rev Sheet No. 27

\$0.0185 17th Rev Sheet No. 27

\$1.1685

APPLICABLE TO SETTLING PARTIES PURSUANT TO THE MARCH 29, 2005, STIPULATION IN DOCKET NOS. RP97-406, RP00-15, RP00-344 and RP00-632 (FOR RATES APPLICABLE TO SEVERED PARTIES IN THE ABOVE REFERENCED DOCKETS SEE SHEET 35A)

RATES APPLICABLE TO RATE SCHEDULES IN FERC GAS TARIFF, VOLUME NO. 1 (\$ per DT)

Rate Schedule	Rate Component	Base Tariff Rate [1]	Current Acct 858 Base	Current EPCA Base	TCRA [5] Surcharge	EPCA [6] Surcharge	FERC ACA	Current Rate
(1) GSS [2],	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
G55 [2], ===	Storage Demand Storage Capacity Injection Charge Withdrawal Charge GSS-TE Surcharge [3] Demand Charge Adjustment From Customers Balance	\$1.7984 \$0.0145 \$0.0154 \$0.0154 - \$21.5808 \$0.6163	- - \$0.0046 \$0.8040	\$0.0070 - - \$0.2424	\$0.0002 \$0.0002 \$0.0004 (\$0.0684)	\$0.0004 \$0.0004 - \$0.0192	-	\$1.8815 \$0.0145 \$0.0230 \$0.0177 \$0.0050 \$22.5780 \$0.6369
GSS-E [2], [4]							
===	Storage Demand Storage Capacity Injection Charge Withdrawal Charge Authorized Overruns	\$2.2113 \$0.0369 \$0.0154 \$0.0154 \$1.0657	- -	\$0.0070 -	\$0.0002 \$0.0002	\$0.0004 \$0.0004	- - \$0.0017 \$0.0017	4
ISS [2] =====	ISS Capacity Injection Charge Withdrawal Charge Authorized Overrun/from Cust. Bal Excess Injection Charge	\$0.0736 \$0.0154 \$0.0154 \$0.6163 \$0.2245	-	\$0.0070 -	\$0.0002 \$0.0002 (\$0.0010)	\$0.0004 \$0.0004	-	

- [1] The base tariff rate is the effective rate on file with the FERC, excluding adjustments approved by the Commission.
- [2] Storage Service Fuel Retention Percentage is 2.28% plus Adders of 0.28% (RP00-632 S&A approved 9/13/01) totaling 2.56%.
- [3] Applies to withdrawals made under Rate Schedule GSS, Section 5.1.G.[4] Daily Capacity Release Rate for GSS per Dt is \$0.6192.
- Daily Capacity Release Rate for GSS-E per DT is \$1.0686
- [5] 858 over/under from previous TCRA period.
- [6] Electric over/under from previous EPCA period.

Issued by: Anne E. Bomar, Vice President - Federal Regulation Issued on: November 3, 2008 Effective on: December 4, 2008 Filed to comply with order of the Federal Energy Regulatory Commission, Docket No. CP05-130-000, et al., issued October 7, 2008, 25 FERC ? 61,018

Superseding SUBSTITUTE ORIGINAL SHEET NO. 5

subject to an allowable variation of not more than one percent above or below the aggregate of said scheduled daily deliveries of said month.

The amount of gas in storage for Buyer's account at any time (exclusive of Buyer's share of cushion gas) shall be Buyer's Gas Storage Balance at that time and shall not exceed Buyer's Maximum Quantity Stored (MQS).

Seller shall be ready at all times to deliver to Buyer, and Buyer shall have the right at all times to receive from Seller, natural gas up to the MDWQ Seller is obligated to deliver to Buyer on that day.

Buyer's MQS, Buyer's MDWQ and Buyer's ADWQ shall be specified in the Gas Storage Agreement providing for service under this Rate Schedule.

3. RATE

Buyer shall pay Seller for each month of the year during the term of the Gas Storage Agreement a Demand Charge which shall be six dollars and forty one point eight seven cents per MMBTU (\$6.4187/MMBTU)** multiplied by the ADWQ as provided for in the Gas Storage Agreement.

4. MINIMUM BILL

The Minimum Bill for each month shall consist of the Demand Charge for the ADWQ as defined in Article 3.

5. COMPRESSOR FUEL ALLOWANCE

Buyer will make available without charge to Seller such additional quantities of gas as needed by Seller for

** The Demand Charge Rate set forth in individual service agreements shall be deemed to have been converted to a thermal billing basis utilizing a factor of 1022/MMBTU per 1 MCF as adjusted pursuant to Section III of the General Terms & Conditions, provided however, the total Maximum Quantity Stored in the field shall not exceed 4.8 BCF and provided that each Buyer shall receive its allowable share of same.

Issued by: Richard A.Norman, Vice President

Issued on: October 11, 1996

Thirtieth Revised Sheet No. 4

FERC Gas Tariff Superseding

FIRST REVISED VOLUME NO. 1

Twenty-Ninth Revised Sheet No. 4

	RATES	(All	in	\$	Per	Dth)
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		Non-Settlement Settlement Recourse Rates Recourse & Applicable to Non-Eastchester/Non-Contesting Shippe Eastchester					
		Initial	Effective	Effective	Effective	Effective	Effective
	Minimum	Rates 3/	1/1/2003	7/1/2004	1/1/2005	1/1/2006	1/1/2007
RTS DEMAND:							
Zone 1	\$0.0000	\$7.5637	\$7.5637	\$6.9586	\$6.8514	\$6.7788	\$6.5971
Zone 2	\$0.0000	\$6.4976	\$6.4976	\$5.9778	\$5.8857	\$5.8233	\$5.6673
Inter-Zone	\$0.0000	\$12.7150	\$12.7150	\$11.6978	\$11.5177	\$11.3956	\$11.0902
Zone 1 (MFV) 1/	\$0.0000	\$5.3607	\$5.3607	\$4.9318	\$4.8559	\$4.8044	\$4.6757
RTS COMMODITY:							
Zone 1	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030
Zone 2	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024
Inter-Zone	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054
Zone 1 (MFV) 1/	\$0.0300	\$0.1506	\$0.1506	\$0.1386	\$0.1364	\$0.1350	\$0.1314
ITS COMMODITY:							
Zone 1	\$0.0030	\$0.2517	\$0.2517	\$0.2318	\$0.2283	\$0.2259	\$0.2199
Zone 2	\$0.0024	\$0.2160	\$0.2160	\$0.1989	\$0.1959	\$0.1938	\$0.1887
Inter-Zone	\$0.0054	\$0.4234	\$0.4234	\$0.3900	\$0.3840	\$0.3800	\$0.3700
Zone 1 (MFV) 1/	\$0.0300	\$0.3268	\$0.3268	\$0.3007	\$0.2960	\$0.2929	\$0.2850
MAXIMUM VOLUMET	RIC CAPAC	ITY RELEASE RATE	:				
Zone 1	\$0.0000	\$0.2487	\$0.2487	\$0.2288	\$0.2253	\$0.2229	\$0.2169
Zone 2	\$0.0000	\$0.2136	\$0.2136	\$0.1965	\$0.1935	\$0.1915	\$0.1863
Inter-Zone	\$0.0000	\$0.4180	\$0.4180	\$0.3846	\$0.3787	\$0.3746	\$0.3646
Zone 1 (MFV) 1/	\$0.0000	\$0.1762	\$0.1762	\$0.1621	\$0.1596	\$0.1580	\$0.1537

^{**}SEE SHEET NO. 4A FOR ADJUSTMENTS TO RATES WHICH MAY BE APPLICABLE

Issued by: Jeffrey A. Bruner, Vice Pres., Gen Counsel & Secretary

Issued on: Feb 04, 2004 Effective: Feb 05, 2004

As authorized pursuant to order of the Federal Energy Regulatory Commission, Docket Nos. RS92-17-003, et al., dated June 18, 1993 (63 FERC para. 61,285).

^{2/} Settlement Recourse Rates were established in Iroquois' Settlement dated August 29, 2003, which was approved by Commission order issued Oct. 24, 2003, in Docket No. RP03-589-000. That Settlement also established a moratorium on changes to the Settlement Rates until January 1, 2008, defines the Non-Eastchester/Non-Contesting parties to which it applies, and provides that Iroquois' TCRA will be terminated on July 1, 2004.

^{3/} See Sections 1.2 and 4.3 of the Settlement referenced in footnote 2. As directed by the Commission's January 30, 2004 Order in Docket No. RP04-136, the Eastchester Initial Rates apply for service to Eastchester Shippers prior to the July 1, 2004 effective date of the rates set forth on Sheet No. 4C.

Rate			Base	FERC	Current	
Sch.	Rate Component		Rate	ACA	Rate 1/	
(1)	(2)		(3)	(4)	(5)	
IT	Commodity	(Max)	\$0.1168	0.0017	\$0.1185	
11	Collinoarcy	(Max) (Min)	0.0000	0.0017	\$0.1165	
	0	, ,				
	Overrun	(Max)	0.1168	0.0017	\$0.1185	
		(Min)	0.0000	0.0017	\$0.0017	
IG	Commodity	(Max)	1.3400		\$1.3400	
IG	Collilloaity	,		- -		
		(Min)	0.0069	_	\$0.0069	
FG	Reservation	(Max)	0.0000	_	\$0.0000	
rG	Reservacion	(Min)	0.0000	_	\$0.0000	
	Commoditi					
	Commodity	(Max)	0.0069	0.0017	\$0.0086	
		(Min)	0.0069	0.0017	\$0.0086	
	Overrun	(Max)	1.3400	0.0017	\$1.3417	
		(Min)	1.3400	0.0017	\$1.3417	
V-E0 /	Conversion Surcharge					
X-30 V	Reservation	(Max)	0.1221	_	\$0.1221	
	nebel vacion	(Min)	-	_	V0.1221	
	Commodity		_	_	_	
	Commodity	(Max)	- -	_	_	
		(Min)	_	_	_	
W-1	Commodity	(Max)	0.0252	0.0017	\$0.0269	
" -	commodity	(Min)	0.0000	0.0017	\$0.0000	
	0	, ,		0.0017		
	Overrun	(Max)	0.0252	0.0017	\$0.0269	
		(Min)	0.0000	-	\$0.0000	
	Fly-By Rate	(Max)	0.0100	=	\$0.0100	
		(Min)	0.0000	-	\$0.0000	
IR-1	First Day	(Max)	0 0533	0.0017	\$0.0549	
TK-T	First Day	. ,	0.0532	0.0017		
	T 1 0 1	(Min)	0.0000	_	\$0.0000	
	Each Subsequent	(Max)	0.0028	-	\$0.0028	
	Day	(Min)	0.0000	-	\$0.0000	
IR-2	First Day	(Max)	0.0028	_	\$0.0028	
11 Z	IIISC Day	(Max) (Min)	0.0028	_ _	\$0.0028	
	Harla Cularamiant					
	Each Subsequent	(Max)	0.0028	-	\$0.0028	
	Day	(Min)	0.0000	-	\$0.0000	
FST	Reservation	(Max)	3.3612	=	\$3.3612	
		(Min)	0.0000	_	\$0.0000	
	Commodity	(Max)	0.0063	0.0017	\$0.0080	
	Commodity			0.0017		
		(Min) (Max)	0.0063 0.1168	0.0017	\$0.0080 \$0.1185	
	Overrun					
	Overrun Maximum Volumetric Rate	(Min)	0.0063 0.1168	0.0017 0.0017 0.0017	\$0.0080 \$0.1185	

^{1/} All rates exclusive of Fuel and Company Use retention and Transportation LAUF retention.

Fuel and Company Use retention for all applicable rate schedules is 1.15%. Transportation LAUF retention for all applicable rate schedules is 0.25%. Transporter may from time to time identify point pair transactions where the Fuel and Company Use retention shall be zero ("Zero Fuel Point Pair Transactions"). Zero Fuel Point Pair Transactions will be assessed the Transportation LAUF retention of 0.25%.

Issued by: J.R. Pustulka, Senior Vice President

Issued on: December 31, 2008 Effective on: January 1, 2009

Sixteenth Revised Sheet No. 10 Superseding Fifteenth Revised Sheet No. 10

Rate				Base	FERC	Current
Sch.	Rate Component			Rate	ACA	Rate 2/
(1)	(2)			(3)	(4)	(5)
ESS	Demand	(Max)		\$2.1345	_	\$2.1345
		(Min)		0.0000	_	\$0.0000
	Capacity	(Max)		0.0432	_	\$0.0432
		(Min)		0.0000	_	\$0.0000
	Injection/	(Max)		0.0139	0.0017	\$0.0156
	Withdrawal	(Min)		0.0000	=-	\$0.0000
	Max. Volumetric Dem. Rate 3/			0.0702	0.0017	\$0.0719
	Max. Volumetric Cap. Rate 4/			0.0014	=	\$0.0014
	Storage Balance Transfer	(Max)	5/	3.8600	=	\$3.8600
		(Min)	5/	0.0000	=	\$0.0000
ISS	Injection	(Max)		1.0635	0.0017	\$1.0652
	-	(Min)		0.0000	=	\$0.0000
	Storage Balance Transfer	(Max)	5/	3.8600	=	\$3.8600
	J.	(Min)	5/	0.0000	-	\$0.0000
IAS	Usage	(Max)	1/	0.0028	_	\$0.0028
		(Min)	1/	0.0000	=	\$0.0000
	Advance/Return	(Max)		0.0139	0.0017	\$0.0156
		(Min)		0.0000	-	\$0.0000
FSS	Demand	(Max)		2.1556	_	\$2.1556
		(Min)		0.0000	=	\$0.0000
	Capacity	(Max)		0.0432	=	\$0.0432
		(Min)		0.0000	=	\$0.0000
	Injection/	(Max)		0.0139	0.0017	\$0.0156
	Withdrawal	(Min)		0.0000	_	\$0.0000
	Max. Volumetric Dem. Rate 3/			0.0709	0.0017	\$0.0726
	Max. Volumetric Cap. Rate 4/			0.0014	_	\$0.0014
	Storage Balance Transfer	(Max)	5/	3.8600	_	\$3.8600
		(Min)	5/	0.0000	-	\$0.0000
P-1	First Day	(Max)		0.0575	0.0017	\$0.0592
	•	(Min)		0.0000		\$0.0000
	Each Subsequent	(Max)		0.0071	=	\$0.0071
	Day	(Min)		0.0000	-	\$0.0000
P-2	First Day	(Max)		0.0071	-	\$0.0071
		(Min)		0.0000	=	\$0.0000
	Each Subsequent	(Max)		0.0071	_	\$0.0071
	Day	(Min)		0.0000	_	\$0.0000

Issued by: J.R. Pustulka, Senior Vice President

Issued on: August 29, 2008 Effective on: October 1, 2008

^{1/} Unit Dth Rates per day.

^{2/} All rates exclusive of Surface Operating Allowance and Storage LAUF retention, where applicable.

Surface Operating Allowance for all applicable rate schedules is 1.17%. Storage LAUF retention for all applicable rate schedules is 0.23%.

^{3/} Assessed per dekatherm injected/withdrawn. Exclusive of Injection/Withdrawal charge.

^{4/} Assessed per dekatherm per day on storage balance.

^{5/} Rate per nomination.

Portland Natural Gas Transmission System FERC Gas Tariff Second Revised Volume No. 1

Maximum up to +1.00%

Fourth Revised Sheet No. 100: Effective

Gas Tariff Supercedes Third Revised Sheet No. 100

Statement of Transportation Rates
(Rates per DTH)
Rate Rate Base ACA Unit Current
Schedule Component Rate Charge 1/ Rate
FT Recourse Reservation Rate
Maximum \$27.4017 \$27.4017
Minimum \$00.0000 \$00.0000
Seasonal Recourse Reservation Rate
Maximum \$52.0632 \$52.0632
Minimum \$00.0000 \$00.0000
Short Term Recourse Reservation Rate
Maximum \$68.5042 \$68.5042
Minimum \$00.0000 \$00.0000
Recourse Usage Rate
Maximum \$00.0000 \$00.0017 \$00.0017
Minimum \$00.0000 \$00.0017 \$00.0017
FT-FLEX Recourse Reservation Rate
Maximum \$18.3920 \$18.3920
Minimum \$00.0000 \$00.0000
Recourse Usage Rate
Maximum \$00.2962 \$00.0017 \$00.2979
Minimum \$00.0000 \$00.0017 \$00.0017
IT Recourse Usage Rate
Maximum \$02.2522 \$00.0017 \$02.2539
Minimum \$00.0000 \$00.0017 \$00.0017
The following adjustment applies to all Date Schedules above:
The following adjustment applies to all Rate Schedules above:
MEASUREMENT VARIANCE:
Minimum down to -1.00%
Manimum um ha (1 00%

1/ ACA assessed where applicable under Section 154.402 of the Commission's regulations and will be charged pursuant to Section 17 of the General Terms and Conditions at such time that initial and successive ACA assessments are made.

Issued by: David J.Haag, Rates And Tariff Specialist

Issue date: 10/01/08 Effective date: 10/01/08

Twenty-Sixth Revised Sheet No. 23
Superseding
Twenty-Fifth Revised Sheet No. 23

RATES PER DEKATHERM

FIRM TRANSPORTATION RATES RATE SCHEDULE FOR FT-A

Base Reservation Rates	RECEIPT				DELIVERY	ZONE			
	ZONE	0	L	1	2	3	4	5	6
	0	\$3.10		\$6.45	\$9.06	\$10.53	\$12.22	\$14.09	\$16.59
	L		\$2.71						
	1	\$6.66		\$4.92	\$7.62	\$9.08	\$10.77	\$12.64	\$15.15
	2	\$9.06		\$7.62	\$2.86	\$4.32	\$6.32	\$7.89	\$10.39
	3	\$10.53		\$9.08	\$4.32	\$2.05	\$6.08	\$7.64	\$10.14
	4	\$12.53		\$11.08	\$6.32	\$6.08	\$2.71	\$3.38	\$5.89
	5 6	\$14.09 \$16.59		\$12.64 \$15.15	\$7.89 \$10.39	\$7.64 \$10.14	\$3.38 \$5.89	\$2.85 \$4.93	\$4.93 \$3.16
	0	\$10.59		\$15.15	\$10.39	\$10.14	\$5.69	Ş4.93	\$3.10
Surcharges					DELIVERY	ZONE			
	RECEIPT ZONE	0	L	1	2	3	4	5	6
PCB Adjustment: 1/	0	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	L		\$0.00						
	1	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	2	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	3	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	4	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	5 6	\$0.00 \$0.00		\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00	\$0.00 \$0.00
	Ü	φσ.σσ		ψο.σο	φσ.σσ	φσ.σσ	ψο.σσ	ψ0.00	Ψ0.00
Maximum Reservation Rates 2/	DECETOR				DELIVERY	ZONE			
	RECEIPT ZONE	0	L	1	2	3	4	5	6
	0	\$3.10		\$6.45	\$9.06	\$10.53	\$12.22	\$14.09	\$16.59
	L		\$2.71						
	1	\$6.66	•	\$4.92	\$7.62	\$9.08	\$10.77	\$12.64	\$15.15
	2	\$9.06		\$7.62	\$2.86	\$4.32	\$6.32	\$7.89	\$10.39
	3	\$10.53		\$9.08	\$4.32	\$2.05	\$6.08	\$7.64	\$10.14
	4	\$12.53		\$11.08	\$6.32	\$6.08	\$2.71	\$3.38	\$5.89
	5	\$14.09		\$12.64	\$7.89	\$7.64	\$3.38	\$2.85	\$4.93
	6	\$16.59		\$15.15	\$10.39	\$10.14	\$5.89	\$4.93	\$3.16

Minimum Base Reservation Rates The minimum FT-A Reservation Rate is \$0.00 per Dth

Notes:

- 1/ PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.
- 2/ Maximum rates are inclusive of base rates and above surcharges.

Issued by: Patrick A. Johnson, Vice President

Issued on: May 30, 2008 Effective on: July 1, 2008

Forty-Second Revised Sheet No. 26B Superseding Forty-First Revised Sheet No. 26B

RATES PER DEKATHERM

RATE SCHEDULE NET 284

Rate Schedule	Base Tariff				Rate After Current	Fuel and
				(PCB) 5/		
Demand Rate 1/, 5/						
Segment U Segment 1 Segment 2 Segment 3 Segment 4	\$9.65 \$1.33 \$8.08 \$5.07 \$5.54			\$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$1.33 \$8.08 \$5.07	
Commodity Rate 2/, 3/		-				
Segments U, 1, 2, 3 &	4	\$0.0017			\$0.0017	6/
Extended Receipt and I	_		′			
-	\$0.3173 \$0.0437 \$0.2656 \$0.1667 \$0.1821				\$0.3173 \$0.0437 \$0.2656 \$0.1667 \$0.1821	5.52% 0.69% 0.59% 0.73% 0.36%

Notes:

- 1/ A specific customer's Monthly Demand Rate is dependent upon the location of its points of receipt and delivery, and is to be determined by summing the Monthly Demand Rate components for those pipeline segments connecting said points.
- 2/ The applicable surcharges for ACA and TCSM will be assessed on actual quantities delivered and are not dependent upon the location of points of receipt and delivery.
- 3/ The Incremental Pressure Charge associated with service to MassPower shall be \$0.0334 plus an additional Incremental Fuel Charge of 5.83%.
- 4/ Rates are subject to negotiation pursuant to the terms of the Rate Schedule for NET 284.
- 5/ PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.
- 6/ The applicable fuel retention percentages are listed on Sheet No. 220A.
- 7/ The Extended Receipt and Delivery Rates are additive for each segment outside of the segments under Shipper's base NET-284 contract.

Issued by: Patrick A. Johnson, Vice President

Issued on: August 29, 2008 Effective on: October 1, 2008

Seventeenth Revised Sheet No. 27
Superseding
Sixteenth Revised Sheet No. 27

RATES PER DEKATHERM

STORAGE SERVICE

	=======	STORAGE SERVICE								
Rate Schedule and Rate	Rate	ADJUSTMENTS (ACA) (TCSM) (PCB) 2/	Current Adjustment							
FIRM STORAGE SERVICE (FS) PRODUCTION AREA Deliverability Rate Space Rate Injection Rate Withdrawal Rate Overrun Rate	\$2.02 \$0.0248 \$0.0053	\$0.00 \$0.0000	\$2.02	1.49%						
FIRM STORAGE SERVICE (FS) MARKET AREA Deliverability Rate Space Rate Injection Rate Withdrawal Rate Overrun Rate	\$1.15 \$0.0185 \$0.0102 \$0.0102	\$0.00 \$0.0000	•	1.49%						
INTERRUPTIBLE STORAGE SERV (IS) - MARKET AREA Space Rate Injection Rate Withdrawal Rate	\$0.0848 \$0.0102 \$0.0102	\$0.0000	\$0.0848 \$0.0102 \$0.0102	1.49%						
INTERRUPTIBLE STORAGE SERV (IS) - PRODUCTION AREA Space Rate Injection Rate Withdrawal Rate	\$0.0993 \$0.0053 \$0.0053	\$0.0000	\$0.0993 \$0.0053 \$0.0053	1.49%						

^{1/} The quantity of gas associated with losses is 0.5%.

Issued by: Patrick A. Johnson, Vice President

Issued on: May 30, 2008 Effective on: July 1, 2008

^{2/} PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 - June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.



Firm and Interruptible Transportation Tolls Approved Interim Tolls effective January 1, 2009

7.100.010	,	are candary 1, 2000	-			(1)
					(STFT Minimum Tolls)	IT Bid Floor
Line			Demand Toll	Commodity Toll	(100% LF Tolls)	(110% FT Tolls)
No.	Receipt Point	Delivery point	(\$/GJ/MO)	(\$/GJ)	(\$/GJ)	(\$/GJ)
1	Union Dawn	Union SSMDA	7.25587	0.01819	0.2567	0.2824
2	Union Dawn	Union NCDA	5.18095	0.01233	0.1826	0.2009
3	Union Dawn	Union CDA	3.30151	0.00680	0.1153	0.1268
4	Union Dawn	Enbridge CDA	3.98389	0.00880	0.1398	0.1538
5	Union Dawn	Union EDA	6.95563	0.01711	0.2458	0.2704
6	Union Dawn	Enbridge EDA	8.17713	0.02087	0.2897	0.3187
7	Union Dawn	GMIT EDA	9.88931	0.02589	0.3510	0.3861
8	Union Dawn	KPUC EDA	6.44157	0.01587	0.2277	0.2505
9	Union Dawn	North Bay Junction	7.02348	0.01753	0.2484	0.2732
10	Union Dawn	Enbridge SWDA	0.87529	0.00000	0.0288	0.0317
11	Union Dawn	Union SWDA	1.09017	0.00000	0.0358	0.0394
12	Union Dawn	Spruce	19.03776	0.05177	0.6777	0.7455
13	Union Dawn	Emerson 1	17.54958	0.00000	0.5770	0.6347
14	Union Dawn	Emerson 2	17.54958	0.00000	0.5770	0.6347
15 16	Union Dawn	St. Clair	1.12519	0.00000	0.0370	0.0407
16 17	Union Dawn Union Dawn	Dawn Export Kirkwall	0.87529	0.00000	0.0288	0.0317
18	Union Dawn	Niagara Falls	2.85383 4.02646	0.00564 0.00898	0.0994 0.1414	0.1093 0.1555
19	Union Dawn	Chippawa	4.05153	0.00995	0.1414	0.1565
20	Union Dawn	Iroquois	7.72830	0.01953	0.1423	0.3010
21	Union Dawn	Cornwall	8.14221	0.02071	0.2884	0.3172
22	Union Dawn	Napierville	9.78381	0.02539	0.3471	0.3818
23	Union Dawn	Philipsburg	9.96827	0.02592	0.3536	0.3890
24	Union Dawn	East Hereford	11.90791	0.03145	0.4230	0.4653
25	Enbridge CDA	Empress	31.70810	0.08792	1.1304	1.2434
26	Enbridge CDA	Transgas SSDA	27.83218	0.07467	0.9897	1.0887
27	Enbridge CDA	Centram SSDA	24.85939	0.06833	0.8856	0.9742
28	Enbridge CDA	Centram MDA	22.42153	0.06187	0.7990	0.8789
29	Enbridge CDA	Centrat MDA	21.14728	0.05781	0.7531	0.8284
30	Enbridge CDA	Union WDA	16.43683	0.04444	0.5848	0.6433
31	Enbridge CDA	Nipigon WDA	14.65020	0.03987	0.5216	0.5738
32	Enbridge CDA	Union NDA	6.39952	0.01609	0.2265	0.2492
33	Enbridge CDA	Calstock NDA	11.34823	0.03072	0.4038	0.4442
34	Enbridge CDA	Tunis NDA	8.74845	0.02352	0.3111	0.3422
35	Enbridge CDA	GMIT NDA	6.37278	0.01463	0.2241	0.2465
36	Enbridge CDA	Union SSMDA	10.36446	0.02699	0.3677	0.4045
37	Enbridge CDA	Union NCDA	2.74487	0.00541	0.0956	0.1052
38	Enbridge CDA	Union CDA	1.87122	0.00258	0.0641	0.0705
39	Enbridge CDA	Enbridge CDA	0.87529	0.00000	0.0288	0.0317
40	Enbridge CDA	Union EDA	3.93145	0.00878	0.1381	0.1519
41	Enbridge CDA	Enbridge EDA	5.65768	0.01371	0.1997	0.2197
42	Enbridge CDA	GMIT EDA	7.19001	0.01822	0.2546	0.2801
43	Enbridge CDA	KPUC EDA	3.74248	0.00819	0.1312	0.1443
44	Enbridge CDA	North Bay Junction	4.58363	0.01060	0.1613	0.1774
45	Enbridge CDA	Enbridge SWDA	3.98389	0.00880	0.1398	0.1538
46	Enbridge CDA	Union SWDA	4.11969	0.00929	0.1447	0.1592
47	Enbridge CDA	Spruce	21.08017	0.05763	0.7506	0.8257
48	Enbridge CDA	Emerson 1	20.65724	0.05633	0.7354	0.8089
49	Enbridge CDA	Emerson 2	20.65724	0.05633	0.7354	0.8089
50	Enbridge CDA	St. Clair	4.23379	0.00951	0.1487	0.1636
51 50	Enbridge CDA	Dawn Export	3.98389	0.00880	0.1398	0.1538
52 52	Enbridge CDA	Kirkwall	2.00535	0.00316	0.0691	0.0760
53 54	Enbridge CDA Enbridge CDA	Niagara Falls	2.71341 2.74603	0.00520	0.0944	0.1038
54 55	Enbridge CDA Enbridge CDA	Chippawa Iroquois	5.02921	0.00529 0.01186	0.0956 0.1772	0.1052 0.1949
56	Enbridge CDA Enbridge CDA	Cornwall	5.44291	0.01186	0.1772	0.1949
56 57	Enbridge CDA Enbridge CDA	Napierville	7.08472	0.01304	0.1919	0.2717
57 58	Enbridge CDA Enbridge CDA	Philipsburg	7.26919	0.01772	0.2573	0.2830
56 59	Enbridge CDA Enbridge CDA	East Hereford	9.20861	0.01625	0.3265	0.2630
60	Enbridge CDA Enbridge EDA	Empress	32.31161	0.08962	1.1519	1.2671
61	Enbridge EDA Enbridge EDA	Transgas SSDA	28.51173	0.07668	1.0141	1.1155
62	Enbridge EDA Enbridge EDA	Centram SSDA	25.84725	0.07120	0.9210	1.0131
63	Enbridge EDA Enbridge EDA	Centram MDA	23.22765	0.06414	0.8277	0.9105
64	Enbridge EDA	Centrat MDA	27.83911	0.07687	0.9922	1.0914
65	Enbridge EDA	Union WDA	17.24295	0.04671	0.6136	0.6750
	-9					2.2.20



Transportation Tolls
Approved Interim Tolls effective January 1, 2009

1 Refer to Schedule 5.2 for Firm and Interruptible transportation tolls

Storage Transportation Service

Line No	Particulars (a)	Demand Toll (\$/GJ/mo) (b)	Commodity Toll (\$/GJ) (c)
2	Centra Gas Manitoba - MDA	2.34500	0.00462
3	Union Gas - WDA	16.66667	0.04509
4	Union Gas - NDA	6.45333	0.01622
5	Union Gas - EDA	4.22833	0.00964
6	Kingston PUC	4.06250	0.00908
7	Gaz Metropolitain - EDA	7.51000	0.01911
8	Enbridge - CDA	0.93583	0.00015
9	Enbridge - EDA	4.38667	0.01001
10	Cornwall	5.76167	0.01393
11	Philipsburg	7.58917	0.01914

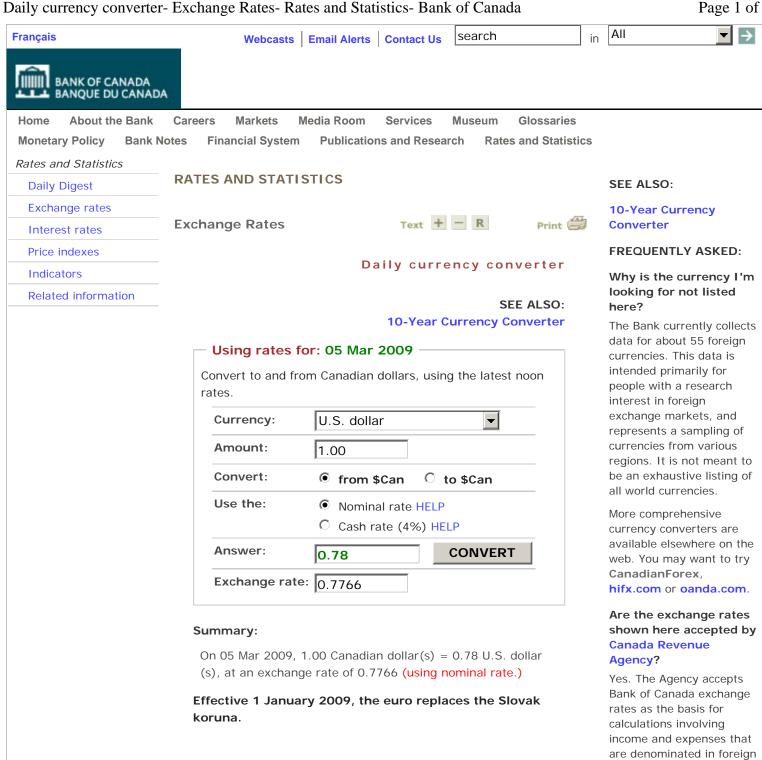
Enhanced Capacity Release

Line		Commodity Toll
No	Particulars	(\$/GJ)
	(a)	(b)
12 E	CR Surcharge	0.029

Delivery Pressure

Line No	Particulars	Demand Toll (\$/GJ/mo)	Commodity Toll (\$/GJ)	Daily Equivalent *(1) (\$/GJ)
	(a)	(b)	(c)	(d)
13	Emerson - 1 (Viking)	0.06426	0.00000	0.00211
14	Emerson - 2 (Great Lakes)	0.08446	0.00000	0.00278
15	Dawn	0.06286	0.00000	0.00207
16	Niagara Falls	0.10558	0.00000	0.00347
17	Iroquois	0.56297	0.00000	0.01851
18	Chippawa	0.61730	0.00000	0.02029
19	East Hereford	1.41498	0.02139	0.06791

^{*(1)} The Demand Daily Equivalent Toll is only applicable to STS Injections, IT, Diversions and STFT.



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4 Su 5	oply and Commodity Costs, Volumes an	nd Rates														Off-Peak
	Month of: (a)	Reference (b)		May-09 (c)		Jun-09 (d)		Jul-09 (e)		Aug-09 (f)		Sep-09 (g)		Oct-09 (h)		May - Oct (i)
8	(-)	(-)		(-)		(-)		(-)		(-)		(3)		(/		(-)
	oply and Commodity Costs															
0																
	eline Gas:															
2	Dawn Supply	In 62 * In 101														
3	Niagara Supply	In 63 * In 106														
4	TGP Supply (Direct)	In 64 * In 114														
5	TGP Zone 6 Purchases	In 65 * In 117														
6	Dracut Winter Supply	In 66 * In 111														
7	City Gate Delivered Supply	In 67 * In 122														
8	LNG Truck	In 68 * In 124														
9	Propane Truck	In 69 * In 126														
20	PNGTS	In 70 * In 131														
21	Granite Ridge	In 71 * In 136														
2 23	Cubtatal Dinalina Can Casta		¢.	0.045.004	¢.	4 045 700	¢.	4 700 074	¢.	4 005 004	¢.	0.075.000	Φ.	2 004 750	•	1 1 7 17 7 1 5
:3 !4	Subtotal Pipeline Gas Costs		\$	2,845,921	Ф	1,915,729	Ф	1,792,874	Ф	1,835,604	Ф	2,375,829	Ф	3,961,759	Ф	14,747,715
	umetric Transportation Costs															
:5 VO :	Dawn Supply	In 62 * In 168														
7	Niagara Supply	In 63 * In 179														
28	TGP Supply (Direct)	In 64 * In 206														
9	TGP Zone 6 Purchases	In 65 * In 216														
19																
50 51	Dracut Winter Supply	In 66 * In 227														
32	TGP Storage - Withdrawals	In 76 * In 158														
	al Volumetric Transportation Costs		\$	238,625	Ф	148,847	Φ	150,056	•	154,763	Ф	199,765	Ф	341,484	Ф	1,233,540
13 10 1 14	ai voidinettic Transportation Costs		Ψ	230,023	Ψ	140,047	Ψ	130,030	Ψ	134,703	Ψ	199,703	Ψ	341,404	Ψ	1,233,340
	ss - Gas Refill:															
6	LNG Truck	In 85 * In 143														
17	Propane	In 86 * In 144														
88	TGP Storage Refill	In 87 * In 114														
19	Storage Refill (Trans.)	In 87 * In 206														
10	Clorage Rolli (Trans.)	111 07 111 200	-													
1	Subtotal Refills		\$	(658,911)	\$	(652,549)	\$	(672,847)	\$	(714,814)	\$	(845,714)	\$	(745,911)	\$	(4,290,747)
2	Cubicial Home		Ψ	(000,011)	Ψ	(002,010)	Ψ	(0.2,0)	•	(, , ,,,,,,	Ψ.	(0.0,1.1)	Ψ.	(1.10,01.1)	Ψ.	(1,200,111)
	al Supply & Pipeline Commodity Costs	In 23 + In 33 + In 41	\$	2,425,634	\$	1,412,027	\$	1.270.083	\$	1.275.552	\$	1,729,880	\$	3.577.332	\$	11,690,508
4							Ė		_		Ė		_		_	, , , , , , , , , , , , , , , , , , , ,
	rage Gas:															
6	TGP Storage - Withdrawals	In 76 * In 150	\$	_	\$	_	\$	_	\$	_	\$	_	\$		\$	_
7	Tor otorage Williamwale	11170 111100	Ψ		Ψ		Ψ		Ψ		Ψ		Ψ		Ψ	
	duced Gas:															
9	LNG Vapor	In 79 * In 138														
i0	Propane	In 80 * In 140														
i1	Торапе	111 00 111 140														
	al Produced Gas	In 49 + In 50	\$	12,059	\$	11,514	\$	11,887	\$	11,899	\$	11,518	\$	12.005	\$	70.881
3		10 1 00		.2,000	Ψ	,	Ψ	,	Ψ	,000	Ψ	11,010	<u> </u>	.2,000	<u> </u>	. 0,001
i4																
	al Commodity Gas & Trans. Costs	In 43 + In 46 + In 52	\$	2,437,693	\$	1,423,541	\$	1,281,970	\$	1,287,451	\$	1,741,397	\$	3,589,338	\$	11,761,390
	an commounty das a mans. costs	111 70 T 111 70 T 111 JZ	Ψ	۷,۳۵۲,033	Ψ	1,720,041	Э	1,201,010	Ψ	1,201,701	÷	1,171,031	÷	0,000,000	¥	11,701,090

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing 4 Supply and Commodity Costs, Volumes and Rates

0	(a) Imes (Therms) Iline Gas: Dawn Supply Niagara Supply	(b) See Schedule 11A	(c)	(d)	(e)	Aug-09 (f)	Sep-09 (g)	(h)	(i)
9 <u>Volu</u> 0 1 Pipe 2 3 4	line Gas: Dawn Supply	See Schedule 11A					(3)	()	Off-Peak
0 1 Pipe 2 3 4	line Gas: Dawn Supply	See Schedule 11A							OII-F eak
1 Pipe 2 3 4	Dawn Supply	See Schedule 11A							
2 3 4	Dawn Supply								
3 4			1,112,737	1,076,521	1,112,737	1,112,737	1,076,521	1,112,737	6,603,988
	iniayara Juppiy		875,522	596,659	120,418	-	-	309,647	1,902,245
5	TGP Supply (Direct)		4,580,116	2,658,857	2,729,479	2,813,681	3,716,365	6,530,348	23,028,846
	TGP Zone 6 Purchases		-	-	-	· · ·	-	11,770	11,770
6	Dracut Winter Supply		-	-	-	-	-	-	_
7	City Gate Delivered Supply		-	-	-	-	-	317,795	317,795
8	LNG Truck		86,013	26,257	26,257	26,257	26,257	26,257	217,296
9	Propane Truck		-	-	-	38,932	199,188	50,702	288,823
0	PNGTS		18,108	11,770	9,959	10,865	13,581	22,635	86,918
1	Granite Ridge		-	-	-	-	-	-	-
2	-								
3	Subtotal Pipeline Volumes		6,672,496	4,370,063	3,998,849	4,002,471	5,031,911	8,381,891	32,457,681
4									
5 Stor	age Gas:								
6	TGP Storage		-	-	-	-	-	-	-
7									
8 Prod	luced Gas:								
9	LNG Vapor		26,257	25,351	26,257	26,257	25,351	26,257	155,729
0	Propane			-	-	-	-	-	-
1			·						
2	Subtotal Produced Gas		26,257	25,351	26,257	26,257	25,351	26,257	155,729
3									
4 Less	s - Gas Refill:								
5	LNG Truck		(86,013)	(26,257)	(26,257)	(26,257)	(26,257)	(26,257)	(217,296
6	Propane		-	-	-	(38,932)	(199,188)	(50,702)	(288,823
7	TGP Storage Refill		(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(8,043,570
8									
9	Subtotal Refills		(1,426,608)	(1,366,852)	(1,366,852)	(1,405,784)	(1,566,040)	(1,417,554)	(8,549,689
0									
1 Tota	l Sendout Volumes		5,272,144	3,028,563	2,658,254	2,622,944	3,491,222	6,990,593	24,063,721
2						·			
3									

1 ENERGY NORTH NATURAL GAS, 2 d/b/a National Grid NH	INC.							
3 Off Peak 2009 Summer Cost of Gas F 4 Supply and Commodity Costs, Volum								
5	ies and Rates							Off-Peak
6 For Month of:	Reference	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	May - Oct
7 (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
95 Gas Costs and Volumetric Transporta 96	ation Rates							Average Rate
97 Pipeline Gas: 98 Dawn Supply 99 NYMEX Price 100 Basis Differential	Sch 7, In 10/10							
101 Net Commodity Costs 102 103 Niagara Supply								
104 NYMEX Price 105 Basis Differential	Sch 7, In 10/10							
106 Net Commodity Costs 107 108 Dracut Winter Supply								
109 Commodity Costs - NYMEX Price 110 Basis Differential	Sch 7, In 10 / 10							
111 Net Commodity Costs								
112								
113 TGP Supply (Direct) 114 NYMEX Price 115	Sch 7, In 10/10	\$0.4200	\$0.4328	\$0.4467	\$0.4550	\$0.4591	\$0.4694	\$0.4472
116 TGP Zone 6 Purchases 117 Commodity Costs - NYMEX Price	Sch 7, ln 10/10	\$0.4200	\$0.4328	\$0.4467	\$0.4550	\$0.4591	\$0.4694	\$0.4472
118 119 City Gate Delivered Supply								
120 NYMEX Price 121 Basis Differential	Sch 7, ln 10/10							
122 Net Commodity Costs								
123 124 LNG Truck	Sch 7, In 10/10	\$0.4200	\$0.4328	\$0.4467	\$0.4550	\$0.4591	\$0.4694	\$0.4472
125 126 Propane Truck	NYMEX - Propane	\$0.7400	\$0.7490	\$0.7560	\$0.7660	\$0.7770	\$0.7880	\$0.7627
127 128 PNGTS								
129 NYMEX Price 130 Additional Cost	Sch 7, In 10/10							
131 Net Commodity Cost 132								
133 Granite Ridge 134 NYMEX Price 135 Additional Cost	Sch 7, In 10/10							
136 Net Commodity Cost 137								
138 LNG Vapor (Storage) 139	Sch 13, ln 100 /10	\$0.4593	\$0.4542	\$0.4527	\$0.4532	\$0.4543	\$0.4572	\$0.4551
140 Propane 141	Sch 13, In 69 /10	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
142 Storage Refill:								
143 LNG Truck	In 124	\$0.4200	\$0.4328	\$0.4467	\$0.4550	\$0.4591	\$0.4694	\$0.4472
144 Propane 145	In 126	\$0.7400	\$0.7490	\$0.7560	\$0.7660	\$0.7770	\$0.7880	\$0.7627
145		THIS PAGE HA	AS BEEN RED	DACTED				
-								

Off-Peak

May - Oct

(i)

Average Rate

\$0.00195

1.0551

0.7766

1.29%

\$0.00160

\$0.00583

\$0.00743

\$0.00030

\$0.00017

\$0.00004

\$0.00051

\$0.00011

\$0.00449

\$0.00691

\$0.01945

1.00%

1.54%

(h)

1.0551

0.777

1.32%

1.00%

1.54%

1 ENERGY NORTH NATURAL GAS, INC. 2 d/b/a National Grid NH 3 Off Peak 2009 Summer Cost of Gas Filing 4 Supply and Commodity Costs, Volumes and Rates 5 6 For Month of: Reference May-09 Jun-09 Jul-09 Aug-09 Sep-09 Oct-09 7 (b) (c) (d) (e) (f) (g) 147 148 149 Dawn Supply Volumetric Transportation Charge 150 Commodity Costs 151 152 TransCanada - Commodity Rate/GJ Union Dawn to Iroquois \$0.00195 \$0.00195 \$0.00195 \$0.00195 \$0.00195 \$0.00195 153 Conversion Rate GL to MMBTU 1.0551 1.0551 1.0551 1.0551 1.0551 Conversion Rate to US\$ 0.777 0.777 154 3/5/2009 0.777 0.777 0.777 155 Commodity Rate/US\$ In 152 x In 153 x In 154 \$0.00160 \$0.00160 \$0.00160 \$0.00160 \$0.00160 \$0.00160 156 TransCanada Fuel % Union Dawn to Iroquois 1.18% 0.80% 1.26% 1.39% 1.81% \$0.00497 \$0.00347 \$0.00565 \$0.00635 \$0.00834 \$0.00622 157 TransCanada Fuel * Percentage In 150 x In 156 \$0.00657 \$0.00507 \$0.00725 \$0.00795 \$0.00994 \$0.00782 158 Subtotal TransCanada 159 IGTS - Z1 RTS Commodity 30th Rev Sheet No. 4 \$0.00030 \$0.00030 \$0.00030 \$0.00030 \$0.00030 \$0.00030 160 IGTS - Z1 RTS ACA Rate Commodity 22nd Rev Sheet 4A \$0.00017 \$0.00017 \$0.00017 \$0.00017 \$0.00017 \$0.00017 22nd Rev Sheet 4A 161 IGTS - Z1 RTS Deferred Asset Surcharge \$0.00004 \$0.00004 \$0.00004 \$0.00004 \$0.00004 \$0.00004 162 Subtotal IGTS - Trans Charge - Z1 RTS Commodity \$0.00051 \$0.00051 \$0.00051 \$0.00051 \$0.00051 \$0.00051 163 TGP NET-NE - Comm. Segments 3 & 4 42nd Rev Sheet No. 26B \$0.00017 \$0.00017 \$0.00000 \$0.00017 \$0.00017 \$0.00000 1.00% 164 IGTS -Fuel Use Factor - Percentage 22nd Rev Sheet 4A 1.00% 1.00% 1.00% 1.00% 165 IGTS -Fuel Use Factor - Fuel * Percentage In 150 x In 164 \$0.00421 \$0.00434 \$0.00448 \$0.00457 \$0.00461 \$0.00471 166 TGP NET-284 - Fuel Charge % Z 4-6 5th Rev Sheet 220A 1.54% 1.54% 1.54% 1.54% 1.54% 167 TGP NET-284 -Fuel Use Factor - Fuel * % In 150 x In 166 \$0.00649 \$0.00669 \$0.00690 \$0.00703 \$0.00709 \$0.00725 168 Total Volumetric Transportation Charge - Dawn Supply \$0.01796 \$0.01679 \$0.01914 \$0.02022 \$0.02232 \$0.02029 169 170 171 Niagara Supply Volumetric Transportation Charge 172 Commodity Costs In 106 173 174 TGP FTA - FTA Z 5-6 Comm. Rate 20th Rev Sheet No. 23A 175 TGP FTA - FTA Z 5-6 - ACA Rate 20th Rev Sheet No. 23A 176 Subtotal TGP FTA - FTA Z 5-6 Commodity Rate 3rd Rev Sheet No. 29 177 TGP FTA Fuel Charge % Z 5-6 178 TGP FTA Fuel * Percentage In 172 x In 177 179 Total Volumetric Transportation Rate - Niagra Supply

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180 181

182

1 ENERGY NORTH NATURAL GAS, INC	2.							
2 d/b/a National Grid NH								
3 Off Peak 2009 Summer Cost of Gas Filing	1							
4 Supply and Commodity Costs, Volumes	and Rates							
5								Off-Peak
6 For Month of:	Reference	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	May - Oct
7 (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
183								
184								. 5.
185 TGP Direct Volumetric Transportation Ch 186 Commodity Costs	narge Ln 114	\$0.4200	\$0.4328	\$0.4467	\$0.4550	\$0.4591	\$0.4694	Average Rate \$0.4472
187	LII I I 4	\$0.4200	Φ 0.4320	\$0.4467	\$0.4550	φ0.4591	\$0.4094	φ0.44 <i>1</i> Z
188 TGP - Max Comm. Base Rate - Z 0-6	20th Rev Sheet No. 23A	\$0.01608	\$0.01608	\$0.01608	\$0.01608	\$0.01608	\$0.01608	\$0.01608
189 TGP - Max Commodity ACA Rate - Z 0-6	20th Rev Sheet No. 23A	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017
190 Subtotal TGP - Max Comm. Rate Z 0-6		\$0.01625	\$0.01625	\$0.01625	\$0.01625	\$0.01625	\$0.01625	\$0.01625
191 Prorated Percentage		32.60%	32.60%	32.60%	32.60%	32.60%	32.60%	32.60%
192 Prorated TGP - Max Commodity Rate - Z	2 0-6	\$0.00530	\$0.00530	\$0.00530	\$0.00530	\$0.00530	\$0.00530	\$0.00530
193 TGP - Max Comm. Base Rate - Z 1-6	20th Rev Sheet No. 23A	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503	\$0.01503
194 TGP - Max Commodity ACA Rate - Z 1-6	20th Rev Sheet No. 23A	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017	\$0.00017
195 Subtotal TGP - Max Commodity Rate - 2	Z 1-6	\$0.01520	\$0.01520	\$0.01520	\$0.01520	\$0.01520	\$0.01520	\$0.01520
196 Prorated Percentage		67.40%	67.40%	67.40%	67.40%	67.40%	67.40%	67.40%
197 Prorated TGP - Trans Charge - Max Comr	modity Rate - Z 1-6	\$0.01024	\$0.01024	\$0.01024	\$0.01024	\$0.01024	\$0.01024	\$0.01024
198 TGP - Fuel Charge % - Z 0 -6	3rd Rev Sheet No. 29	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%	7.42%
199 Prorated Percentage		32.6%	32.6%	32.6%	32.6%	32.6%	32.6%	32.6%
200 Prorated TGP Fuel Charge % - Z 0-6		2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%
201 TGP - Fuel Charge % - Z 1 -6	3rd Rev Sheet No. 29	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%
202 Prorated Percentage		<u>67.40%</u>	<u>67.40%</u>	<u>67.40%</u>	<u>67.40%</u>	<u>67.40%</u>	<u>67.40%</u>	67.40%
203 Prorated TGP Fuel Charge - Fuel Charge		4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
204 TGP - Fuel Charge % - Z 0-6	In 186 x In 200	\$0.01016	\$0.01047	\$0.01081	\$0.01101	\$0.01111	\$0.01135	\$0.01082
205 TGP - Fuel Charge % - Z 1-6	In 186 x In 203	\$ <u>0.01888</u>	\$ <u>0.01946</u>	\$ <u>0.02008</u>	\$ <u>0.02046</u>	\$ <u>0.02064</u>	\$ <u>0.02110</u>	\$ <u>0.02010</u>
206 Total Volumetric Transportation Rate - To	GP (Direct)	\$0.04458	\$0.04547	\$0.04643	\$0.04701	\$0.04729	\$0.04800	\$0.04646
207								
208 TGP (Zone 6 Purchase) Volumetric Trans 209 Commodity Costs	Ln 117	\$0.4200	\$0.4328	\$0.4467	\$0.4550	\$0.4591	\$0.4694	\$0.4472
210	LIIIII	\$0.4200	Φ 0.4320	\$0.4467	\$0.4550	φ0.4591	\$0.4094	φ0.44 <i>1</i> Z
211 TGP - Max Comm. Base Rate - Z 6-6	20th Rev Sheet No. 23A	\$0.00642	\$0.00642	\$0.00642	\$0.00642	\$0.00642	\$0.00642	\$0.00642
212 TGP - Max Commodity ACA Rate - Z 6-6	20th Rev Sheet No. 23A	\$0.00042	\$0.00042	\$0.00042	\$0.00042	\$0.00017	\$0.00042	\$0.00042
213 Subtotal TGP - Max Commodity Rate - Z		\$0.00659	\$0.00659	\$0.00659	\$0.00659	\$0.00659	\$0.00659	\$0.00659
214 TGP - Fuel Charge % - Z 6-6	3rd Rev Sheet No. 29	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%
215 TGP - Fuel Charge	In 209 x In 214	\$0.00357	\$0.00368	\$0.00380	\$0.00387	\$0.00390	\$0.00399	\$0.00380
216 Total Vol. Trans. Rate - TGP (Zone 6)	200 X 2	\$0.01016	\$0.01027	\$0.01039	\$0.01046	\$0.01049	\$0.01058	\$0.01039
217	=	*****				,	,	,
218								
219 TGP Dracut								
220 Commodity Costs - NYMEX Price	Ln 111							
221								
222 TGP - Trans Charge - Comm Z 6-6	20th Rev Sheet No. 23A							
223 TGP - Trans Charge - ACA Rate - Z6-6	20th Rev Sheet No. 23A							
224 Subtotal TGP - Trans Charge - Max Com						· · · · · · · · · · · · · · · · · · ·		
225 TGP - Fuel Charge % - Z 6-6	3rd Rev Sheet No. 29							
226 TGP - Fuel Charge	In 220 x In 225							
227 Total Volumetric Transportation Rate - To	or pracut							
228								

229

FERC Gas Tariff

Superseding

FIRST REVISED VOLUME NO. 1

Twenty-Ninth Revised Sheet No. 4

	RATES	(All	in	\$	Per	Dth)	
--	-------	------	----	----	-----	------	--

		Non-Settlement		Settleme	ent Recourse Rat	es	
		Recourse &	Applical	ole to Non-East	tchester/Non-Cor	ntesting Shippe	rs 2/
		Eastchester					
		Initial	Effective	Effective	Effective	Effective	Effective
	Minimum	Rates 3/	1/1/2003	7/1/2004	1/1/2005	1/1/2006	1/1/2007
RTS DEMAND:							
Zone 1	\$0.0000	\$7.5637	\$7.5637	\$6.9586	\$6.8514	\$6.7788	\$6.5971
Zone 2	\$0.0000	\$6.4976	\$6.4976	\$5.9778	\$5.8857	\$5.8233	\$5.6673
Inter-Zone	\$0.0000	\$12.7150	\$12.7150	\$11.6978	\$11.5177	\$11.3956	\$11.0902
Zone 1 (MFV) 1/	\$0.0000	\$5.3607	\$5.3607	\$4.9318	\$4.8559	\$4.8044	\$4.6757
RTS COMMODITY:							
Zone 1	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030	\$0.0030
Zone 2	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024	\$0.0024
Inter-Zone	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054	\$0.0054
Zone 1 (MFV) 1/	\$0.0300	\$0.1506	\$0.1506	\$0.1386	\$0.1364	\$0.1350	\$0.1314
ITS COMMODITY:							
Zone 1	\$0.0030	\$0.2517	\$0.2517	\$0.2318	\$0.2283	\$0.2259	\$0.2199
Zone 2	\$0.0024	\$0.2160	\$0.2160	\$0.1989	\$0.1959	\$0.1938	\$0.1887
Inter-Zone	\$0.0054	\$0.4234	\$0.4234	\$0.3900	\$0.3840	\$0.3800	\$0.3700
Zone 1 (MFV) 1/	\$0.0300	\$0.3268	\$0.3268	\$0.3007	\$0.2960	\$0.2929	\$0.2850
MAXIMUM VOLUMETE	RIC CAPAC	TITY RELEASE RATE	:				
Zone 1	\$0.0000	\$0.2487	\$0.2487	\$0.2288	\$0.2253	\$0.2229	\$0.2169
Zone 2	\$0.0000	\$0.2136	\$0.2136	\$0.1965	\$0.1935	\$0.1915	\$0.1863
Inter-Zone	\$0.0000	\$0.4180	\$0.4180	\$0.3846	\$0.3787	\$0.3746	\$0.3646
Zone 1 (MFV) 1/	\$0.0000	\$0.1762	\$0.1762	\$0.1621	\$0.1596	\$0.1580	\$0.1537

^{**}SEE SHEET NO. 4A FOR ADJUSTMENTS TO RATES WHICH MAY BE APPLICABLE

Issued by: Jeffrey A. Bruner, Vice Pres., Gen Counsel & Secretary

Issued on: Feb 04, 2004 Effective: Feb 05, 2004

As authorized pursuant to order of the Federal Energy Regulatory Commission, Docket Nos. RS92-17-003, et al., dated June 18, 1993 (63 FERC para. 61,285).

^{2/} Settlement Recourse Rates were established in Iroquois' Settlement dated August 29, 2003, which was approved by Commission order issued Oct. 24, 2003, in Docket No. RP03-589-000. That Settlement also established a moratorium on changes to the Settlement Rates until January 1, 2008, defines the Non-Eastchester/Non-Contesting parties to which it applies, and provides that Iroquois' TCRA will be terminated on July 1, 2004.

^{3/} See Sections 1.2 and 4.3 of the Settlement referenced in footnote 2. As directed by the Commission's January 30, 2004 Order in Docket No. RP04-136, the Eastchester Initial Rates apply for service to Eastchester Shippers prior to the July 1, 2004 effective date of the rates set forth on Sheet No. 4C.

Iroquois Gas Transmission System, L.P. Twenty-Second Revised Sheet No. 4a

FERC Gas Tariff Superseding

FIRST REVISED VOLUME NO. 1

Twenty-First Revised Sheet No. 4a

To the extent applicable, the following adjustments apply:

ACA ADJUSTMENT:

Commodity 0.0017

DEFERRED ASSET SURCHARGE:

Commodity

Zone 1 0.0004 Zone 2 0.0002 Inter-Zone 0.0006

MEASUREMENT VARIANCE/FUEL USE FACTOR:

Minimum 0.00%
Maximum (Non-Eastchester Shipper) 1.00%
Maximum (Eastchester Shipper) 4.50%

Maximum (Brookfield Shipper) 1.20%

Issued by: Jeffrey A. Bruner, Vice Pres., Gen Counsel & Secretary

 TENNESSEE GAS PIPELINE COMPANY FERC Gas Tariff FIFTH REVISED VOLUME NO. 1

Twentieth Revised Sheet No. 23A Superseding Nineteenth Revised Sheet No. 23A

RATES PER DEKATHERM

COMMODITY RATES RATE SCHEDULE FOR FT-A

Base Commodity Rates	DEGETER			DEL:	IVERY ZOI	NE			
	ZONE		L					5	
	0							\$0.1231	
	L 1	\$0.0669	\$0.0286					\$0.1126	
	2	\$0.0880						\$0.0783	
	3 4	\$0.0978 \$0.1129						\$0.0765 \$0.0459	
	5	\$0.1231		\$0.1126	\$0.0783	\$0.0765	\$0.0459	\$0.0459 \$0.0427 \$0.0765	\$0.0765
	6	\$0.1608		\$0.1503	\$0.1159	\$0.1142	\$0.0834	\$0.0765	\$0.0642
Minimum									
Commodity Rates 2/	RECEIPT				IVERY ZOI	NE: 			
	ZONE		L			3	4	5	6
	0 L	\$0.0026	\$0.0034		\$0.0161	\$0.0191	\$0.0233	\$0.0268	\$0.032
	1	\$0.0096		\$0.0067	\$0.0129	\$0.0159	\$0.0202	\$0.0236	\$0.029
	2	\$0.0161		\$0.0129	\$0.0024	\$0.0054	\$0.0100	\$0.0131	\$0.018
	3 4	\$0.0191		\$0.0159	\$0.0054	\$0.0004	\$0.0095	\$0.0126	\$0.018
	5	\$0.0237						\$0.0032	
	6	\$0.0208			•			\$0.0022	
Maximum									
Commodity Rates 1/, 2/	DEGETER				IVERY ZOI	NE			
	ZONE		L	1					
	0	\$0.0456						\$0.1248	
	L		\$0.0303						
	1	\$0.0686						\$0.1143	
	2	\$0.0897		\$0.0793	\$0.0450	\$0.0547	\$0.0698	\$0.0800	\$0.117
	3	\$0.0995							
	4	\$0.1146 \$0.1248						\$0.0476	
	5	\$0.1248		SU.1143	SU.0800	\$0.0782	80.0476	50.0444	\$0.078
	6	\$0.1625			•			\$0.0782	פט טכר

Notes:

1/ The above maximum rates include a per Dth charge for:
 (ACA) Annual Charge Adjustment

\$0.0017

2/ The applicable fuel retention percentages are listed on Sheet No. 29, provided that for service rendered solely by displacement, shipper shall render only the quantity of gas associated with losses of .5%.

Issued by: Patrick A. Johnson, Vice President

Issued on: August 29, 2008 Effective on: October 1, 2008

Forty-Second Revised Sheet No. 26B Superseding Forty-First Revised Sheet No. 26B

RATES PER DEKATHERM

RATE SCHEDULE NET 284

Rate Schedule	Base Tariff	ADJUS	STMENTS		Rate After Current	Fuel and
	Rate				Adjustments	
Demand Rate 1/, 5/						
Segment U Segment 1 Segment 2 Segment 3 Segment 4	\$9.65 \$1.33 \$8.08 \$5.07 \$5.54			\$0.00	\$1.33 \$8.08	
Commodity Rate 2/, 3/						
Segments U, 1, 2, 3 &			,		\$0.0017	6/
Extended Receipt and D						
2	\$0.3173 \$0.0437 \$0.2656 \$0.1667 \$0.1821				\$0.3173 \$0.0437 \$0.2656 \$0.1667 \$0.1821	5.52% 0.69% 0.59% 0.73% 0.36%

Notes:

- 1/ A specific customer's Monthly Demand Rate is dependent upon the location of its points of receipt and delivery, and is to be determined by summing the Monthly Demand Rate components for those pipeline segments connecting said points.
- 2/ The applicable surcharges for ACA and TCSM will be assessed on actual quantities delivered and are not dependent upon the location of points of receipt and delivery.
- 3/ The Incremental Pressure Charge associated with service to MassPower shall be \$0.0334 plus an additional Incremental Fuel Charge of 5.83%.
- 4/ Rates are subject to negotiation pursuant to the terms of the Rate Schedule for NET 284.
- 5/ PCB adjustment surcharge originally effective for PCB Adjustment Period of July 1, 1995 June 30, 2000, was revised and the PCB Adjustment Period has been extended until June 30, 2010 as required by the Stipulation and Agreement filed on May 15, 1995 and approved by Commission Orders issued November 29, 1995 and February 20, 1996.
- 6/ The applicable fuel retention percentages are listed on Sheet No. 220A.
- 7/ The Extended Receipt and Delivery Rates are additive for each segment outside of the segments under Shipper's base NET-284 contract.

Issued by: Patrick A. Johnson, Vice President

Issued on: August 29, 2008 Effective on: October 1, 2008

Third Revised Sheet No. 29
Superseding
First Revised Sheet No. 29

Filst Revised Sheet No. 25

FUEL AND LOSS RETENTION PERCENTAGE 1\,2\,3\

NOVEMBER - MARCH

Delivery Zone

RECEIPT														
ZONE	0	L	1	2	3	4	5	6						
0	0.89%		2.79%	5.16%	5.88%	6.79%	7.88%	8.71%						
L		1.01%												
1	1.74%		1.91%	4.28%	4.99%	5.90%	6.99%	7.82%						
2	4.59%		2.13%	1.43%	2.15%	3.05%	4.15%	4.98%						
3	6.06%		3.60%	1.23%	0.69%	2.64%	3.69%	4.52%						
4	7.43%		4.97%	2.68%	3.07%	1.09%	1.33%	2.17%						
5	7.51%		5.05%	2.76%	3.14%	1.16%	1.28%	2.09%						
6	8.93%		6.47%	4.18%	4.56%	2.50%	1.40%	0.89%						

APRIL - OCTOBER

Delivery Zone

RECEIPT								
ZONE	0	L	1	2	3	4	5	6
0	0.84%		2.44%	4.43%	5.04%	5.80%	6.72%	7.42%
L		0.95%						
1	1.56%		1.70%	3.69%	4.29%	5.06%	5.97%	6.67%
2	3.95%		1.88%	1.30%	1.90%	2.66%	3.58%	4.28%
3	5.19%		3.12%	1.13%	0.67%	2.32%	3.19%	3.90%
4	6.34%		4.28%	2.35%	2.67%	1.01%	1.21%	1.92%
5	6.41%		4.34%	2.41%	2.74%	1.07%	1.17%	1.86%
6	7.61%		5.53%	3.61%	3.93%	2.20%	1.27%	0.85%

- $1\backslash$ Included in the above Fuel and Loss Retention Percentages is the quantity of gas associated with losses of 0.5%.
- $2\$ For service that is rendered entirely by displacement shipper shall render only the quantity of gas associated with losses of 0.5%.
- 3\ The above percentages are applicable to (IT) Interruptible Transportation, (FT-A) Firm Transportation, (FT-GS) Firm Transportation-GS, (PAT) Preferred Access Transportation, (IT-X) Interruptible Transportation-X, (FT-G) Firm Transportation-G.

Issued by: Patrick A. Johnson, Vice President

Fifth Revised Sheet No. 220A Superseding Fourth Revised Sheet No. 220A

NET-284 RATE SCHEDULE (continued)

	Transportation Quantity		Segments				
Shipper	(Dth)	U	1	2	3	4	Fuel and Use
Bay State (from Granite) - Pleasant St.	3,706				*	*	1.26%
Bay State (from Granite) - Agawam	6,068				*		0.96%
Boston Gas	35,000				*	*	1.31%
Boston Gas	8,600				*	*	1.31%
Dartmouth Power	14,010				*	*	1.23%
EnergyNorth Natural Gas, Inc.	4,000				*	*	1.54%
Essex County Gas Company	2,000				*	*	1.44%
Iroquois (Connecticut Natural, Yankee Gas)	37,000				*		0.68%
Lockport Energy Associates	28,000	*	*				6.21%
Northern Utilities (from Granite) Pleasant St.	844				*	*	1.26%
Northern Utilities (from Granite) Agawam	1,382				*		0.96%
Project Orange	20,000		*	*			1.28%
Valley Gas Company	1,000				*	*	1.25%
Yankee Gas (Wright)	9,000				*		1.07%
Total	170,610						

Issued by: Byron S. Wright, Vice President

Issued on: May 28, 2004 Effective on: July 1, 2004



Firm and Interruptible Transportation Tolls
Approved Interim Tolls effective January 1, 2009

7.100.010	,	are candary 1, 2000	-			(1)
					(STFT Minimum Tolls)	IT Bid Floor
Line			Demand Toll	Commodity Toll	(100% LF Tolls)	(110% FT Tolls)
No.	Receipt Point	Delivery point	(\$/GJ/MO)	(\$/GJ)	` (\$/GJ)	` (\$/GJ)
1	Union Dawn	Union SSMDA	7.25587	0.01819	0.2567	0.2824
2	Union Dawn	Union NCDA	5.18095	0.01233	0.1826	0.2009
3	Union Dawn	Union CDA	3.30151	0.00680	0.1153	0.1268
4	Union Dawn	Enbridge CDA	3.98389	0.00880	0.1398	0.1538
5	Union Dawn	Union EDA	6.95563	0.01711	0.2458	0.2704
6	Union Dawn	Enbridge EDA	8.17713	0.02087	0.2897	0.3187
7	Union Dawn	GMIT EDA	9.88931	0.02589	0.3510	0.3861
8	Union Dawn	KPUC EDA	6.44157	0.01587	0.2277	0.2505
9	Union Dawn	North Bay Junction	7.02348	0.01753	0.2484	0.2732
10	Union Dawn	Enbridge SWDA	0.87529	0.00000	0.0288	0.0317
11	Union Dawn	Union SWDA	1.09017	0.00000	0.0358	0.0394
12	Union Dawn	Spruce	19.03776	0.05177	0.6777	0.7455
13	Union Dawn	Emerson 1	17.54958	0.00000	0.5770	0.6347
14	Union Dawn	Emerson 2	17.54958	0.00000	0.5770	0.6347
15 16	Union Dawn	St. Clair	1.12519	0.00000	0.0370	0.0407
16 17	Union Dawn	Dawn Export Kirkwall	0.87529	0.00000	0.0288	0.0317
18	Union Dawn Union Dawn	Niagara Falls	2.85383 4.02646	0.00564 0.00898	0.0994 0.1414	0.1093 0.1555
19	Union Dawn	Chippawa	4.05153	0.00995	0.1414	0.1565
20	Union Dawn	Iroquois	7.72830	0.01953	0.1423	0.3010
21	Union Dawn	Cornwall	8.14221	0.02071	0.2884	0.3172
22	Union Dawn	Napierville	9.78381	0.02539	0.3471	0.3818
23	Union Dawn	Philipsburg	9.96827	0.02592	0.3536	0.3890
24	Union Dawn	East Hereford	11.90791	0.03145	0.4230	0.4653
25	Enbridge CDA	Empress	31.70810	0.08792	1.1304	1.2434
26	Enbridge CDA	Transgas SSDA	27.83218	0.07467	0.9897	1.0887
27	Enbridge CDA	Centram SSDA	24.85939	0.06833	0.8856	0.9742
28	Enbridge CDA	Centram MDA	22.42153	0.06187	0.7990	0.8789
29	Enbridge CDA	Centrat MDA	21.14728	0.05781	0.7531	0.8284
30	Enbridge CDA	Union WDA	16.43683	0.04444	0.5848	0.6433
31	Enbridge CDA	Nipigon WDA	14.65020	0.03987	0.5216	0.5738
32	Enbridge CDA	Union NDA	6.39952	0.01609	0.2265	0.2492
33	Enbridge CDA	Calstock NDA	11.34823	0.03072	0.4038	0.4442
34	Enbridge CDA	Tunis NDA	8.74845	0.02352	0.3111	0.3422
35	Enbridge CDA	GMIT NDA	6.37278	0.01463	0.2241	0.2465
36	Enbridge CDA	Union SSMDA	10.36446	0.02699	0.3677	0.4045
37	Enbridge CDA	Union NCDA	2.74487	0.00541	0.0956	0.1052
38	Enbridge CDA	Union CDA	1.87122	0.00258	0.0641	0.0705
39	Enbridge CDA	Enbridge CDA	0.87529	0.00000	0.0288	0.0317
40	Enbridge CDA	Union EDA	3.93145	0.00878	0.1381	0.1519
41	Enbridge CDA	Enbridge EDA	5.65768	0.01371	0.1997	0.2197
42	Enbridge CDA	GMIT EDA	7.19001	0.01822	0.2546	0.2801
43	Enbridge CDA	KPUC EDA	3.74248	0.00819	0.1312	0.1443
44	Enbridge CDA	North Bay Junction	4.58363	0.01060	0.1613	0.1774
45	Enbridge CDA	Enbridge SWDA	3.98389	0.00880	0.1398	0.1538
46	Enbridge CDA	Union SWDA	4.11969	0.00929	0.1447	0.1592
47	Enbridge CDA	Spruce	21.08017	0.05763	0.7506	0.8257
48	Enbridge CDA	Emerson 1	20.65724	0.05633	0.7354	0.8089
49	Enbridge CDA	Emerson 2	20.65724	0.05633	0.7354	0.8089
50	Enbridge CDA	St. Clair	4.23379	0.00951	0.1487	0.1636
51	Enbridge CDA	Dawn Export	3.98389	0.00880	0.1398	0.1538
52	Enbridge CDA	Kirkwall	2.00535	0.00316	0.0691	0.0760
53	Enbridge CDA	Niagara Falls	2.71341	0.00520	0.0944	0.1038
54	Enbridge CDA	Chippawa	2.74603	0.00529	0.0956	0.1052
55 56	Enbridge CDA	Iroquois	5.02921	0.01186	0.1772	0.1949
56	Enbridge CDA	Cornwall	5.44291	0.01304	0.1919	0.2111
57 58	Enbridge CDA Enbridge CDA	Napierville Philipphyra	7.08472	0.01772 0.01825	0.2506	0.2757
58 50	•	Philipsburg	7.26919		0.2573 0.3265	0.2830
59 60	Enbridge CDA Enbridge EDA	East Hereford Empress	9.20861 32.31161	0.02377 0.08962	0.3265 1.1519	0.3592 1.2671
61	Enbridge EDA Enbridge EDA	Transgas SSDA	28.51173	0.07668	1.0141	1.1155
62	Enbridge EDA Enbridge EDA	Centram SSDA	25.84725	0.07666	0.9210	1.0131
63	Enbridge EDA Enbridge EDA	Centram MDA	23.22765	0.06414	0.9210	0.9105
64	Enbridge EDA Enbridge EDA	Centrat MDA	27.83911	0.07687	0.9922	1.0914
65	Enbridge EDA Enbridge EDA	Union WDA	17.24295	0.04671	0.6136	0.6750
00	_monago LD/\	Ollion NDA	11.27200	0.04071	3.3100	0.0700

May-2008

•				
Pressure	Pressure			
Point	(%)			
Chippawa	0.69			
Emerson 1	0.18			
Emerson 2	0.18			
Iroquois	0.48			
Niagara Fall	0.00			

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For fuel ratios or hid tolls questions please contact Jackie Sheils (

For fuel ratios or bid toils questions please contact Jackie Shells (
Receipt	Delivery	Min IT Bid Toll	(with	Fuel Ratio (%) (without pressure)	
Union Dawn	Iroquois	0.3428	1.18	0.70	

June-2008

Pressure	Pressure
Point	(%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Fall	0.00

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Receipt	Delivery	Min IT Bid Toll	Fuel Ratio (%) (with pressure)	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.3662	0.80	0.32

July-2008

Pressure	Pressure
Point	(%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Fall	0.00

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FOI TUEL TALIO	For rue ratios of bid tolls questions please contact Jackie Shells (
Receipt	Delivery	Min IT Bid Toll	(with	Fuel Ratio (%) (without pressure)		
Union Dawn	Iroquois	0.3662	1.26	0.78		

August-2008

Pressure	Pressure				
Point	(%)				
Chippawa	0.69				
Emerson 1	0.18				
Emerson 2	0.18				
Iroquois	0.48				
Niagara Falls	0.00				

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Receipt	Delivery	Min IT Bid Toll	(with	Fuel Ratio (%) (without
			pressure)	pressure)
Union Dawn	Iroquois	0.3662	1.39	0.91

September-2008

Pressure	Pressure
Point	(%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Falls	0.00

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Receipt	Delivery	Min IT Bid Toll	Fuel Ratio (%) (with pressure)	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.3662	1.81	1.33

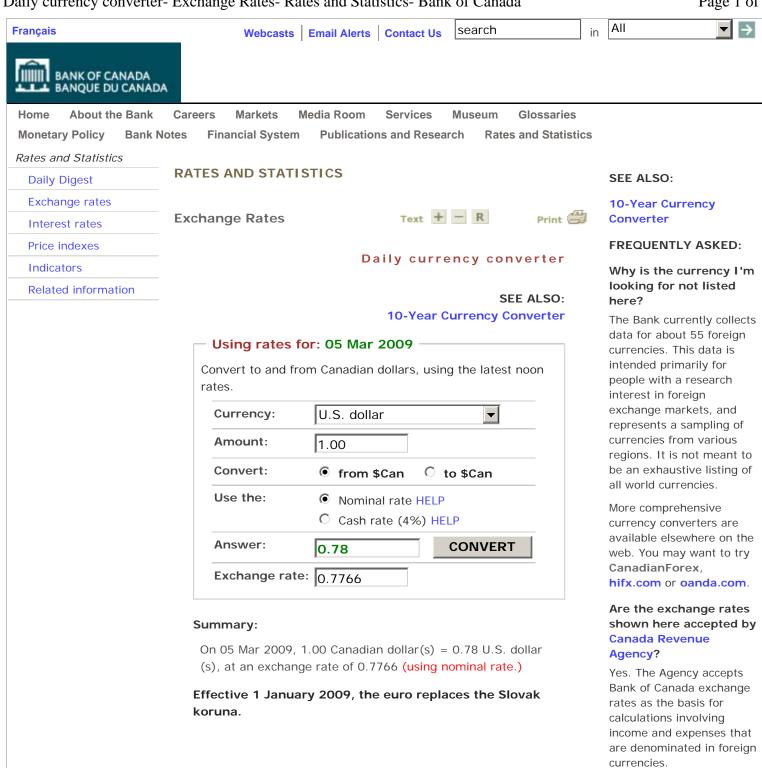
October-2008

Octobe	-2000
Pressure	Pressure
Point	(%)
Chippawa	0.69
Emerson 1	0.18
Emerson 2	0.18
Iroquois	0.48
Niagara Falls	0.00

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For fuel ratios or bid tolls questions please contact Jackie Sheils (1.4

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Receipt	Delivery	Min IT Bid Toll	(with	Fuel Ratio (%) (without pressure)
Union Dawn	Iroquois	0.3662	1.32	0.84



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5	MEX Futures @ Henry Hub and Hedged (Month of: (a)	Contracts Reference (b)	N	Лау-09 (с)	J	Jun-09 (d)		Jul-09 (e)		Aug-09 (f)		Sep-09 (g)		Oct-09 (h)	(May - Oct Off Peak ip Average (i)
	NYMEX Opening Prices as of:															
9 10 11		Opening Prices (15 day average) NYMEX June trigger		\$4.200		\$4.328		\$4.467		\$4.550		\$4.591		\$4.694	\$	4.4718
12		July trigger														
13 14		August Trigger September Trigger														
15		October Trigger														
16		Colober Mgger														
17																
18																
	Development of Hedging Costs and Savi	ngs														
20		ngs													N	/lay - Oct
20 21 TG	P (Direct) Volumes			050 000										040.000	N	Total
20 21 TG 22	P (Direct) Volumes Hedged Volumes (Dth)	ngs In 74		350,000 174 589		- 300 321		- 263 200		- 259 669		- 346 587		210,000 486 434	١	Total 560,000
20 21 TG 22 23	P (Direct) Volumes Hedged Volumes (Dth) Market Priced Volumes (Dth)	In 74		174,589		300,321		263,200 263,200	_	259,669 259,669		346,587 346,587		486,434		Total 560,000 1,830,799
20 21 TG 22 23 24	P (Direct) Volumes Hedged Volumes (Dth) Market Priced Volumes (Dth) Total Volumes (Dth)	In 74 Sch 6, Ins 73 + 89 / 10		174,589 524,589		300,321 300,321		263,200 263,200		259,669 259,669		346,587 346,587	_	486,434 696,434		Total 560,000 1,830,799 2,390,799
20 21 TG 22 23 24 25	P (Direct) Volumes Hedged Volumes (Dth) Market Priced Volumes (Dth)	In 74		174,589							_			486,434		Total 560,000 1,830,799
20 21 TG 22 23 24	P (Direct) Volumes Hedged Volumes (Dth) Market Priced Volumes (Dth) Total Volumes (Dth)	In 74 Sch 6, Ins 73 + 89 / 10	\$	174,589 524,589	\$		<u> </u>		\$		<u> </u>			486,434 696,434		Total 560,000 1,830,799 2,390,799
20 21 TG 22 23 24 25 26 27 28	P (Direct) Volumes Hedged Volumes (Dth) Market Priced Volumes (Dth) Total Volumes (Dth) Percentage of Volumes Hedged	In 74 Sch 6, Ins 73 + 89 / 10 In 22 / In 24	\$	174,589 524,589 66.72%			\$		\$ \$		<u> </u>		\$	486,434 696,434 30.15%	\$	Total 560,000 1,830,799 2,390,799 23.42%
20 21 TG 22 23 24 25 26 27 28 29	P (Direct) Volumes Hedged Volumes (Dth) Market Priced Volumes (Dth) Total Volumes (Dth) Percentage of Volumes Hedged Hedge Price NYMEX Price	In 74 Sch 6, Ins 73 + 89 / 10 In 22 / In 24 In 156 In 10	\$	174,589 524,589 66.72% 8.0318 4.1998	\$	300,321	\$		\$		\$	346,587	\$	486,434 696,434 30.15% 8.7784 4.6941	\$	Total 560,000 1,830,799 2,390,799 23.42% 8.3117 4.3851
20 21 TG 22 23 24 25 26 27 28 29 30	P (Direct) Volumes Hedged Volumes (Dth) Market Priced Volumes (Dth) Total Volumes (Dth) Percentage of Volumes Hedged Hedge Price NYMEX Price Hedged Volumes at Hedged Price	In 74 Sch 6, Ins 73 + 89 / 10 In 22 / In 24 In 156 In 10 In 22 * In 27		174,589 524,589 66.72% 8.0318 4.1998 2,811,121	\$	300,321								486,434 696,434 30.15% 8.7784 4.6941 1,843,458	\$	Total 560,000 1,830,799 2,390,799 23.42% 8.3117 4.3851 4,654,579
20 21 TG 22 23 24 25 26 27 28 29	P (Direct) Volumes Hedged Volumes (Dth) Market Priced Volumes (Dth) Total Volumes (Dth) Percentage of Volumes Hedged Hedge Price NYMEX Price	In 74 Sch 6, Ins 73 + 89 / 10 In 22 / In 24 In 156 In 10	\$	174,589 524,589 66.72% 8.0318 4.1998	\$	300,321	\$		\$	259,669 - -	\$	346,587	\$	486,434 696,434 30.15% 8.7784 4.6941	\$ \$	Total 560,000 1,830,799 2,390,799 23.42% 8.3117 4.3851

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5 S. Fan Mandh af		_	tracts	Ma 00	lum 00	Int OO	A 00	C 00	0-+ 00	May - Oct Off Peak
For Month of:			Reference	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Strip Average
5										
7										May - Oct
B Hedged Volumes	(Dth)									Total
9 Hedge: 1	Trade Date	4-May-07	Swaps							· Otal
Hedge: 2	Trade Date	18-May-07	Swaps							
1 Hedge: 3	Trade Date	8-Jun-07	Swaps							
2 Hedge: 4	Trade Date	22-Jun-07	Swaps							
3 Hedge: 5	Trade Date	9-Jul-07	Swaps							
4 Hedge: 6	Trade Date	20-Jul-07	Swaps							
5 Hedge : 7	Trade Date	3-Aug-07	Swaps							
6 Hedge : 8	Trade Date	17-Aug-07	Swaps							
7 Hedge: 9	Trade Date	7-Sep-07	Swaps							
3 Hedge⊹ 10	Trade Date	21-Sep-07	Swaps							
Hedge: 11	Trade Date	5-Oct-07	Swaps							
Hedge: 12	Trade Date	19-Oct-07	Swaps							
1 Hedge : 13	Trade Date	2-Nov-07	Swaps							
2 Hedge : 14	Trade Date	16-Nov-07	Swaps							
3 Hedge: 15	Trade Date	7-Dec-07	Swaps							
4 Hedge : 16	Trade Date	21-Dec-07	Swaps							
5 Hedge: 17	Trade Date	11-Jan-08	Swaps							
6 Hedge: 18	Trade Date	25-Jan-08	Swaps							
7 Hedge : 19	Trade Date	11-Feb-08	Swaps							
3 Hedge: 20	Trade Date	22-Feb-08	Swaps							
Hedge: 21	Trade Date	7-Mar-08	Swaps							
Hedge: 22	Trade Date	2-May-08	Swaps							
Hedge : 23	Trade Date	16-May-08	Swaps							
2 Hedge : 24	Trade Date	6-Jun-08	Swaps							
B Hedge : 25	Trade Date	20-Jun-08	Swaps							
1 Hedge⊹ 26	Trade Date	11-Jul-08	Swaps							
5 Hedge : 27	Trade Date	25-Jul-08	Swaps							
6 Hedge : 28	Trade Date	8-Aug-08	Swaps							
7 Hedge: 29	Trade Date	25-Aug-08	Swaps							
3 Hedge: 30	Trade Date	5-Sep-08	Swaps							
9 Hedge : 31	Trade Date	19-Sep-08	Swaps							
Hedge: 32	Trade Date	20-Oct-08	Swaps							
1 Hedge : 33	Trade Date	7-Nov-08	Swaps							
2 Hedge : 34	Trade Date	21-Nov-08	Swaps							
3 Hedge⊹ 35 4	Trade Date	29-Jan-09	Swaps	350,000						

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1 ENERGY NORTH NATURAL GAS, INC. 2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 NYMEX Fu	itures @ He	enry Hub and	Hedged Contr	acts							May - Oct
5											Off Peak
6 For Month of	of:			Reference	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Strip Average
77 Strike Price	•										
78											May - Oct
79 Hedge: 1	Т	Γrade Date	4-May-07	Swaps							
80 Hedge: 2	2 T	Γrade Date	18-May-07	Swaps							
81 Hedge: 3	3 Т	Γrade Date	8-Jun-07	Swaps							
82 Hedge: 4		Γrade Date	22-Jun-00	Swaps							
83 Hedge: 5		Frade Date	7-Jan-00	Swaps							
84 Hedge: 6		Frade Date	9-Jul-07	Swaps							
85 Hedge: 7		Frade Date	20-Jul-07	Swaps							
86 Hedge: 8		Frade Date	3-Aug-07	Swaps							
87 Hedge: 9		Frade Date	17-Aug-07	Swaps							
88 Hedge: 10		Frade Date	7-Sep-07	Swaps							
89 Hedge: 11		Frade Date	21-Sep-07	Swaps							
90 Hedge: 12		Frade Date	5-Oct-07	Swaps							
91 Hedge: 13		Frade Date	19-Oct-07	Swaps							
92 Hedge: 14		Frade Date	2-Nov-07	Swaps							
93 Hedge: 15		Frade Date	16-Nov-07	Swaps							
94 Hedge: 16		Frade Date	7-Dec-07	Swaps							
95 Hedge: 17		Frade Date	21-Dec-07	Swaps							
96 Hedge: 18		Frade Date	11-Jan-08	Swaps							
97 Hedge: 19		Frade Date	25-Jan-08	Swaps							
98 Hedge: 20		Frade Date	11-Feb-08	Swaps							
99 Hedge: 21		Frade Date	22-Feb-08	Swaps							
100 Hedge: 22		Frade Date	7-Mar-08	Swaps							
101 Hedge: 23		Frade Date	2-May-08	Swaps							
102 Hedge: 24		Frade Date	16-May-08	Swaps							
103 Hedge: 25		Frade Date	6-Jun-08	Swaps							
104 Hedge: 26		Frade Date	20-Jun-08	Swaps							
105 Hedge: 27		Frade Date	11-Jul-08	Swaps							
106 Hedge: 28		Frade Date	25-Jul-08	Swaps							
107 Hedge: 29		Frade Date	8-Aug-08	Swaps							
108 Hedge: 30		Frade Date	25-Aug-08	Swaps							
109 Hedge: 31		Frade Date	5-Sep-08	Swaps							
110 Hedge: 32		Frade Date	19-Sep-08	Swaps							
111 Hedge: 33		Frade Date	20-Oct-08	Swaps							
112 Hedge: 34		Frade Date	7-Nov-08	Swaps							
113 Hedge : 35	5 T	Frade Date	21-Nov-08	Swaps							
114						_	_				
115					TI	HIS PAGE HA	S BEEN RED	DACTED			

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For Month of:	2 d/b/a Nationa 3 Off Peak 2009	RTH NATURAL G I Grid NH Summer Cost of G s @ Henry Hub an	as Filing	tracts							May - Oct Off Peak
May - Oct May				Reference	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	
1171 Hedge 1					.,			3			
118 Hodge 1											may Cot
119 Hodge 2		Trade Date	4-May-07	Swaps							
120 Hodgo			•	•							
121 Hedge 4	•										
122 Hedge 6	•			•							
124 Hedge 7	•			•							
124 Hedge 7	123 Hedge 6	Trade Date	9-Jul-07	Swaps							
126 Hedge 9		Trade Date	20-Jul-07								
126 Hedge 9	125 Hedge 8	Trade Date	3-Aug-07	Swaps							
128 Hedge 11	126 Hedge: 9	Trade Date	17-Aug-07								
129 Hedge 12	127 Hedge: 10	Trade Date	7-Sep-07	Swaps							
130 Hedge: 13	128 Hedge : 11	Trade Date	21-Sep-07	Swaps							
131 Hedge: 14	129 Hedge: 12	Trade Date	5-Oct-07	Swaps							
132 Hedge : 15	130 Hedge : 13	Trade Date	19-Oct-07	Swaps							
133 Hedge 16 Trade Date 7-Dec-07 Swaps 134 Hedge 17 Trade Date 21-Dec-07 Swaps 135 Hedge 18 Trade Date 11-Jan-08 Swaps 136 Hedge 19 Trade Date 25-Jan-08 Swaps 137 Hedge 20 Trade Date 22-Feb-08 Swaps 138 Hedge 21 Trade Date 22-Feb-08 Swaps 139 Hedge 22 Trade Date 2-May-08 Swaps 140 Hedge 23 Trade Date 2-May-08 Swaps 144 Hedge 24 Trade Date 6-Jun-08 Swaps 142 Hedge 25 Trade Date 20-Jun-08 Swaps 144 Hedge 27 Trade Date 20-Jun-08 Swaps 145 Hedge 28 Trade Date 25-Jul-08 Swaps 146 Hedge 29 Trade Date 8-Aug-08 Swaps 147 Hedge 30 Trade Date 8-Aug-08 Swaps 148 Hedge 31 Trade Date 8-Aug-08 Swaps 149 Hedge 30 Trade Date 8-Aug-08 Swaps 149 Hedge 31 Trade Date 8-Aug-08 Swaps 147 Hedge 30 Trade Date 7-Nov-08 Swaps 148 Hedge 31 Trade Date 8-Aug-08 Swaps 149 Hedge 32 Trade Date 8-Aug-08 Swaps 140 Hedge 33 Trade Date 7-Nov-08 Swaps 151 Hedge 34 Trade Date 19-Sep-08 Swaps 152 Hedge 35 Trade Date 7-Nov-08 Swaps 153 Trade Date 21-Nov-08 Swaps 153 Trade Date 21-Nov-08 Swaps 154 Subtotal Hedge Dollars \$\$\cup \cup \cup \cup \cup \cup \cup \cup	131 Hedge : 14	Trade Date	2-Nov-07	Swaps							
134 Hedge 17 Trade Date 21-Dec-07 Swaps 11-Jan-08 Swaps 136 Hedge 19 Trade Date 25-Jan-08 Swaps 137 Hedge 20 Trade Date 22-Feb-08 Swaps 138 Hedge 21 Trade Date 22-Feb-08 Swaps 139 Hedge 22 Trade Date 7-Mar-08 Swaps 140 Hedge 23 Trade Date 2-May-08 Swaps 141 Hedge 24 Trade Date 6-Jun-08 Swaps 142 Hedge 26 Trade Date 6-Jun-08 Swaps 143 Hedge 27 Trade Date 6-Jun-08 Swaps 144 Hedge 27 Trade Date 20-Jun-08 Swaps 144 Hedge 28 Trade Date 25-Aug-08 Swaps 144 Hedge 29 Trade Date 25-Jul-08 Swaps 145 Hedge 29 Trade Date 25-Jul-08 Swaps 146 Hedge 29 Trade Date 25-Jul-08 Swaps 147 Hedge 30 Trade Date 25-Jul-08 Swaps 148 Hedge 31 Trade Date 25-Jul-08 Swaps 149 Hedge 31 Trade Date 45-Sep-08 Swaps 150 Hedge 33 Trade Date 5-Sep-08 Swaps 151 Hedge 34 Trade Date 7-Nov-08 Swaps 152 Hedge 35 Trade Date 21-Nov-08 Swaps 153 Hedge 35 Trade Date 21-Nov-08 Swaps 153 Hedge 36 Trade Date 21-Nov-08 Swaps 155 Hedge 37 Trade Date 21-Nov-08 Swaps 155 Hedge 38 Trade Date 21-Nov-08 Swaps 155 Hedge 39 Trade Date 21-Nov-08 Swaps 155 Hedge 36 Trade Date 21-Nov-08 Swaps 155 Hedge 37 Trade Date 21-Nov-08 Swaps 155 Hedge 38 Trade Date 21-Nov-08 Swaps 155 Hedge 39 Trade Date 21-Nov-08 Swaps 155 Hedge 30 Trade Date 21-Nov-08 Swa	132 Hedge : 15	Trade Date	16-Nov-07	Swaps							
135 Hedge 18	133 Hedge : 16	Trade Date	7-Dec-07	Swaps							
136 Hedge: 19	134 Hedge : 17	Trade Date	21-Dec-07	Swaps							
137 Hedge: 20	135 Hedge : 18		11-Jan-08	Swaps							
138 Hedge: 21	136 Hedge : 19			Swaps							
139 Hedge: 22	137 Hedge: 20			Swaps							
140 Hedge: 23	138 Hedge : 21		22-Feb-08	Swaps							
141 Hedge: 24		Trade Date	7-Mar-08								
142 Hedge: 25	140 Hedge : 23	Trade Date		Swaps							
143 Hedge: 26	141 Hedge: 24			Swaps							
144 Hedge: 27 Trade Date 11-Jul-08 Swaps 145 Hedge: 28 Trade Date 25-Jul-08 Swaps 146 Hedge: 29 Trade Date 8-Aug-08 Swaps 147 Hedge: 30 Trade Date 25-Aug-08 Swaps 148 Hedge: 31 Trade Date 5-Sep-08 Swaps 149 Hedge: 32 Trade Date 19-Sep-08 Swaps 150 Hedge: 33 Trade Date 20-Oct-08 Swaps 151 Hedge: 34 Trade Date 7-Nov-08 Swaps 152 Hedge: 35 Trade Date 21-Nov-08 Swaps 153 154 Subtotal Hedge Dollars \$				Swaps							
145 Hedge: 28				•							
146 Hedge: 29				•							
147 Hedge: 30				•							
148 Hedge: 31				•							
149 Hedge: 32	•			•							
150 Hedge: 33				•							
151 Hedge: 34	•			•							
152 Hedge: 35 Trade Date 21-Nov-08 Swaps 153 154 Subtotal Hedge Dollars \$2,811,121 \$0 \$0 \$0 \$0 \$1,843,458 \$4,654,579 155											
153 154 Subtotal Hedge Dollars \$2,811,121 \$0 \$0 \$0 \$0 \$1,843,458 \$4,654,579 155				•							
154 Subtotal Hedge Dollars \$2,811,121 \$0 \$0 \$0 \$0 \$1,843,458 \$4,654,579 155		Trade Date	21-Nov-08	Swaps							
155		Delless			CO 044 404	# 2	¢o.	¢o.		C4 040 450	¢4.054.570
	•	Dollars			\$2,811,121	\$0	\$0	\$0	\$0	\$1,843,458	\$4,654,579
100 Progrado Avoidgo Hodgod Oost por Onit Woldold Woldod Woldod Woldod Woldod Woldod Woldod Woldod Woldod Woldod	155 156	Weighted Avera	ge Hedged Cos	st per Unit	\$8.0318	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$8.7784	\$8.3117

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1 ENERGY NORTH NATURAL GAS, INC. 2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing 4 Annual Bill Comparisons, May 08 - Oct 08 vs May 09 - Oct 09 - Residential Heating Rate R-3

7 November 1, 2008 - April 30, 2009 8 Residential Heating (R3)

Nov-08 Dec-08 Jan-09 Feb-09 Mar-09 April	932 46 \$68.76 56 \$201.36
12 13 Winter:	46 \$68.76 56 \$201.36
13 Winter: 14 Cust. Chg \$11.46 \$11.	56 \$201.36
14 Cust Chg \$11.46 \$1	56 \$201.36
15 Headblock \$0.3356 \$33.56	56 \$201.36
16 Tailblock \$0.1950 \$1.76 \$9.75 \$16.97 \$17.16 \$12.87 \$6.2	
	4 \$64.74
17 HB Threshold 100	
	ı
18	
19 Summer:	
20 Cust. Chg \$11.46	
21 Headblock \$0.3356	
22 Tailblock \$0.1950	
23 HB Threshold 20	
24	
25 Total Base Rate Amount \$46.78 \$54.77 \$61.99 \$62.18 \$57.89 \$51.	26 \$334.86
26	
27 CGA Rate - (Seasonal) \$1.1837 \$1.1380 \$1.1201 \$1.0988 \$1.0482 \$1.04	82 \$1.1031
28 CGA amount \$129.02 \$170.70 \$209.46 \$206.57 \$174.00 \$138	
29	
30 LDAC \$0.0260 \$0.0260 \$0.0260 \$0.0260 \$0.0260 \$0.0260	0.0260
31 LDAC amount \$2.83 \$3.90 \$4.86 \$4.89 \$4.32 \$3.4	3 \$24.23
32	*
33 Total Bill \$178.63 \$229.37 \$276.31 \$273.64 \$236.21 \$193.	05 \$1,387.21
34	
35	

May 1, 2009 - October 31, 2009

May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Summer May-Oct	Total Nov-Oct
90	55	30	30	42	71	318	1,250
\$11.46 \$6.71 \$13.65	\$11.46 \$6.71 \$6.83	\$11.46 \$6.71 \$1.95	\$11.46 \$6.71 \$1.95	\$11.46 \$6.71 \$4.29	\$11.46 \$6.71 \$9.95	\$68.76 \$40.27 \$38.61	\$137.52 \$241.63 \$103.35
\$31.82	\$25.00	\$20.12	\$20.12	\$22.46	\$28.12	\$147.64	\$482.50
\$0.6722	\$0.6722	\$0.6722	\$0.6722	\$0.6722	\$0.6722	\$0.6722	\$0.9935
\$60.50	\$36.97	\$20.17	\$20.17	\$28.23	\$47.73	\$213.76	\$1,241.88
\$0.0260	\$0.0260	\$0.0260	\$0.0260	\$0.0260	\$0.0260	\$0.0260	\$0.0260
\$2.34	\$1.43	\$0.78	\$0.78	\$1.09	\$1.85	\$8.27	\$32.50
\$94.66	\$63.40	\$41.07	\$41.07	\$51.79	\$77.69	\$369.67	\$1,756.88

36 Residential Heating (R3)

37	•							Winter
38		Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Nov-Apr
39 Typical Usage (Therm	ns)	109	150	187	188	166	132	932
40								
41 Winter:								
42 Cust. Chg	\$9.88	\$9.88	\$9.88	\$9.88	\$9.88	\$9.88	\$9.88	\$59.28
43 Headblock	\$0.2945	29.45	29.45	29.45	29.45	29.45	29.45	\$176.70
44 Tailblock	\$0.1711	\$1.54	\$8.56	\$14.89	\$15.06	\$11.29	\$5.48	\$56.81
45 HB Threshold	100							
46								
47 Summer:								
48 Cust. Chg	\$11.46							
49 Headblock	\$0.3356							
50 Tailblock	\$0.1950							
51 HB Threshold	20							
52								
53 Total Base Rate Amou	nt	\$40.87	\$47.89	\$54.22	\$54.39	\$50.62	\$44.81	\$292.79
54								
55 CGA Rate - (Seasonal))	\$1.1843	\$1.1666	\$1.1325	\$1.1478	\$1.1700	\$1.2792	\$1.1746
56 CGA amount		\$129.09	\$174.99	\$211.78	\$215.79	\$194.22	\$168.85	\$1,094.72
57								
58 LDAC		\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	0.0192
59 LDAC amount		\$2.09	\$2.88	\$3.59	\$3.61	\$3.19	\$2.53	\$17.89
60								
61 Total Bill		\$172.05	\$225.76	\$269.58	\$273.78	\$248.03	\$216.19	\$1,405.40
62 63 DIFFERENCE:								
64 Total Bill		\$6.58	\$3.62	\$6.72	(\$0.14)	(\$11.82)	(\$23.14)	(\$18.18)
65 % Change		3.82%	1.60%	2.49%	-0.05%	-4.77%	-10.70%	-1.29%
66		0.0270	1.0070	2.43/0	-0.0076	4.1170	-10.7070	1.2370
67 Base Rate		\$5.91	\$6.89	\$7.77	\$7.79	\$7.27	\$6.45	\$42.07
68 % Change		14.45%	14.38%	14.33%	14.33%	14.36%	14.41%	14.37%
69		. 4.4370			5576		4170	
70 CGA & LDAC		\$0.68	(\$3.27)	(\$1.05)	(\$7.93)	(\$19.09)	(\$29.59)	(\$60.26)
71 % Change		0.52%	-1.87%	-0.49%	-3.68%	-9.83%	-17.53%	-5.50%
7 1 70 Onlange		0.0276	1.07 /0	0.4370	0.0076	3.0376	17.0076	0.0076

						Summer	Total
May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	May-Oct	Nov-Oct
90	55	30	30	42	71	318	1,250
\$9.88	\$9.88	\$9.88	\$10.25	\$11.46	\$11.46	\$62.81	\$122.09
\$5.89	\$5.89	\$5.89	\$6.08	\$6.71	\$6.71	\$37.17	\$213.87
\$11.98	\$5.99	\$1.71	\$1.77	\$4.29	\$9.95	\$35.68	\$92.49
\$27.75	\$21.76	\$17.48	\$18.10	\$22.46	\$28.12	\$135.66	\$428.45
\$1,1870	\$1,3902	\$1,4244	\$1,4628	\$1,1702	\$1,1702	\$1,2646	\$1.1975
\$106.83	\$76.46	\$42.73	\$43.88	\$49.15	\$83.08	\$402.14	\$1.496.86
\$100.03	\$70.40	Φ42.73	φ43.00	ф49.13	\$65.06	\$402.14	\$1,490.00
\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192	\$0.0192
\$1.73	\$1.06	\$0.58	\$0.58	\$0.81	\$1.36	\$6.11	\$24.00
\$136.31	\$99.28	\$60.79	\$62.56	\$72.42	\$112.56	\$543.91	\$1,949.31

(\$41.65)	(\$35.88)	(\$19.72)	(\$21.49)	(\$20.63)	(\$34.88)	(\$174.24)	(\$192.42)
-30.55%	-36.14%	-32.44%	-34.35%	-28.49%	-30.98%	-32.03%	-9.87%
\$4.08	\$3.24	\$2.64	\$2.02	\$0.00	\$0.00	\$11.98	\$54.05
14.69%	14.88%	15.11%	11.18%	0.00%	0.00%	8.83%	12.62%
(\$45.72)	(\$39.12)	(\$22.36)	(\$23.51)	(\$20.63)	(\$34.88)	(\$186.22)	(\$246.48)
-42.80%	-51.16%	-52.33%	-53.58%	-41.98%	-41.98%	-46.31%	-16.47%

1 ENERGY NORTH NATURAL GAS, INC.

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing 4 Annual Bill Comparisons, May 08 - Oct 08 vs May 09 - Oct 09 - Commercial Rate G-41

7 November 1, 2008 - April 30, 2009 8 Commercial Rate (G-41)

Nov-08 Dec-08 Jan-09 Feb-09 Mar-09 Apr-09 Nov-Apr-09 N	O Commercial Nate (O-	F1)							
193 269 298 262 234 171 1,427			Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Anr-09	Winter Nov-Apr
12 Winter: 14 Cust. Chg		ne)							
13 Winter:		15)	195	203	290	202	254	171	1,421
14 Cust. Chg									
15 Headblock \$0.3732 \$37.32 \$37.32 \$37.32 \$37.32 \$37.32 \$223.92 16 Tailblock \$0.2427 \$22.57 \$41.02 \$48.05 \$39.32 \$32.52 \$17.23 \$200.71 17 HB Threshold 100 18 19 Summer: 20 Cust. Chg \$28.58 21 Headblock \$0.3732 22 Tailblock \$0.3732 22 Tailblock \$0.2427 23 HB Threshold 20 24 25 Total Base Rate Amount \$88.47 \$106.92 \$113.95 \$105.22 \$98.42 \$83.13 \$596.11 26 CGA amount \$1.1839 \$1.1382 \$1.1203 \$1.0990 \$1.0484 \$1.0484 \$1.1680 29 S1 DLDAC \$0.0278 \$0.027		\$28.58	\$28.58	\$28.58	\$28.58	\$29.59	\$28.58	\$28.58	¢171 /Ω
16 Tailblock \$0.2427 \$22.57 \$41.02 \$48.05 \$39.32 \$32.52 \$17.23 \$200.71 18 Threshold 100 100 100 19 Summer:									
17 HB Threshold 100 18 Summer: 20 Cust. Chg \$28.58 21 Headblock \$0.3732 22 Tailblock \$0.2427 23 HB Threshold 20 24 25 Total Base Rate Amount \$88.47 \$106.92 \$113.95 \$105.22 \$98.42 \$83.13 \$596.11 26 27 CGA Rate - (Seasonal) \$1.1839 \$1.1382 \$1.1203 \$1.0990 \$1.0484 \$1.0484 \$1.1080 28 CGA amount \$228.49 \$306.18 \$333.85 \$287.94 \$245.33 \$179.28 \$1.581.06 29 30 LDAC \$0.0278 \$0.0278 \$0.0278 \$0.0278 \$0.0278 \$0.0278 31 LDAC amount \$5.37 \$7.48 \$8.28 \$7.28 \$6.51 \$4.75 \$39.67 32 33 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2.216.84		*							
18 Summer: 20 Cust. Chg		* *	\$22.57	ψ41.02	ψ40.00	ψ33.32	Ψ32.32	ψ17.23	φ200.71
Summer: 20 Cust. Chg		100							
Cust. Chg									
21 Headblock \$0.3732 22 Tailblock \$0.2427 23 HB Threshold 20 20 24 25 Total Base Rate Amount \$88.47 \$106.92 \$113.95 \$105.22 \$98.42 \$83.13 \$596.11 26 27 CGA Rate - (Seasonal) \$1.1839 \$1.1382 \$1.1203 \$1.0990 \$1.0484 \$1.0484 \$1.1080 \$228.49 \$306.18 \$333.85 \$287.94 \$245.33 \$179.28 \$1.581.06 \$29 \$30 LDAC \$0.0278 \$0.		¢20 E0							
Tailblock \$0.2427 23 HB Threshold 20 20 24 25 Total Base Rate Amount \$88.47 \$106.92 \$113.95 \$105.22 \$98.42 \$83.13 \$596.11 26 27 CGA Rate - (Seasonal) \$1.1839 \$1.1382 \$1.1203 \$1.0990 \$1.0484 \$1.1080 \$1.1080 \$228.49 \$306.18 \$333.85 \$287.94 \$245.33 \$179.28 \$1,581.06 \$930 LDAC \$0.0278 \$0									
HB Threshold 20 24 25 Total Base Rate Amount \$88.47 \$106.92 \$113.95 \$105.22 \$98.42 \$83.13 \$596.11 26 27 CGA Rate - (Seasonal) \$1.1839 \$1.1382 \$1.1203 \$1.0990 \$1.0484 \$1.0484 \$1.1080 \$1.581.06 \$1.282 \$1.1839 \$1.1382 \$1.1203 \$1.0990 \$1.0484 \$1.0484 \$1.1080 \$1.581.06 \$1.0844 \$1.080 \$1.581.06 \$1.0844 \$1.080 \$1.581.06 \$1.0844 \$1.080 \$1.581.06 \$1.0844 \$1.080 \$1.581.06 \$1.0844 \$1.080 \$1.581.06 \$1.0844 \$1.080 \$1.581.06 \$1.58									
24 \$88.47 \$106.92 \$113.95 \$105.22 \$98.42 \$83.13 \$596.11 25 Total Base Rate Amount \$88.47 \$106.92 \$113.95 \$105.22 \$98.42 \$83.13 \$596.11 26 27 CGA Rate - (Seasonal) \$1.1839 \$1.1382 \$1.1203 \$1.0990 \$1.0484 \$1.0484 \$1.1080 26 CGA amount \$228.49 \$306.18 \$333.85 \$287.94 \$245.33 \$179.28 \$1,581.06 29 30 LDAC \$0.0278 \$0.0278 \$0.0278 \$0.0278 \$0.0278 31 LDAC amount \$5.37 \$7.48 \$8.28 \$7.28 \$6.51 \$4.75 \$39.67 32 33 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 35 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 36 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 37 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84 38 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$467.16 \$400.44									
Total Base Rate Amount \$88.47 \$106.92 \$113.95 \$105.22 \$98.42 \$83.13 \$596.11		20							
26			600.47	6400.00	C442.05	£405.00	COO 40	CO2 42	©E00 44
27 CGA Rate - (Seasonal) \$1.1839 \$1.1382 \$1.1203 \$1.0990 \$1.0484 \$1.0484 \$1.1080 \$28 CGA amount \$29 \$306.18 \$333.85 \$287.94 \$245.33 \$179.28 \$1.581.06 \$29 \$30 LDAC \$0.0278 \$0.		nt	\$88.47	\$106.92	\$113.95	\$105.22	\$98.42	\$63.13	\$596.11
28 CGA amount \$228.49 \$306.18 \$333.85 \$287.94 \$245.33 \$179.28 \$1,581.06 29 \$30 LDAC \$0.0278 \$0	-		¢4.4000	64 4202	C4 4000	64 0000	C4 0404	C4 0404	£4.4000
29									
30 LDAC \$0.0278			\$228.49	\$306.18	\$333.85	\$287.94	\$245.33	\$179.28	\$1,581.06
31 LDAC amount \$5.37 \$7.48 \$8.28 \$7.28 \$6.51 \$4.75 \$39.67 32 30 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2.216.84			00.0070	00.0070	00.0070	60.0070	00.0070	00.0070	0.0070
32 33 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84			***						
33 Total Bill \$322.33 \$420.57 \$456.09 \$400.44 \$350.25 \$267.16 \$2,216.84			\$5.37	\$7.48	\$8.28	\$7.28	\$6.51	\$4.75	\$39.67

			\$322.33	\$420.57	\$456.09	\$400.44	\$350.25	\$267.16	\$2,216.84

May 1, 2009 - October 31, 2009

May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Summer May-Oct	Total Nov-Oct
117	81	72	72	89	142	573	2,000
\$28.58	\$28.58	\$28.58	\$28.58	\$28.58	\$28.58	\$171.48	\$342.96
\$7.46	\$7.46	\$7.46	\$7.46	\$7.46	\$7.46	\$44.78	\$268.70
\$23.54	\$14.80	\$12.62	\$12.62	\$16.75	\$29.61	\$109.94	\$310.66
\$59.59	\$50.85	\$48.66	\$48.66	\$52.79	\$65.65	\$326.21	\$922.32
\$0.6727	\$0.6727	\$0.6727	\$0.6727	\$0.6727	\$0.6727	\$0.6727	\$0.9833
\$78.71	\$54.49	\$48.43	\$48.43	\$59.87	\$95.52	\$385.46	\$1,966.52
\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278
\$3.25	\$2.25	\$2.00	\$2.00	\$2.47	\$3.95	\$15.93	\$55.60
\$141.54	\$107.59	\$99.10	\$99.10	\$115.13	\$165.12	\$727.59	\$2.944.44

34 35 November 1, 2008 - April 30, 2009

36 Commercial Rate (G-41)

37 38	/	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Winter Nov-Apr
39 Typical Usage (Therm	is)	193	269	298	262	234	171	1,427
40	,							.,
11 Winter:								
2 Cust. Cha	\$24.64	\$24.64	\$24.64	\$24.64	\$24.64	\$24.64	\$24.64	\$147.84
3 Headblock	\$0.3275	32.75	32.75	32.75	32.75	32.75	32.75	\$196.50
4 Tailblock	\$0.2130	\$19.81	\$36.00	\$42.17	\$34.51	\$28.54	\$15.12	\$176.15
5 HB Threshold	100							
6								
7 Summer:								
8 Cust. Chg	\$28.58							
9 Headblock	\$0.3732							
0 Tailblock	\$0.2427							
1 HB Threshold	20							
2								
3 Total Base Rate Amour	nt	\$77.20	\$93.39	\$99.56	\$91.90	\$85.93	\$72.51	\$520.49
4								
5 CGA Rate - (Seasonal)		\$1.1844	\$1.1667	\$1.1326	\$1.1479	\$1.1701	\$1.2793	\$1.1726
6 CGA amount		\$228.59	\$313.84	\$337.51	\$300.75	\$273.80	\$218.76	\$1,673.26
7								
8 LDAC		\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	0.0101
9 LDAC amount		\$1.95	\$2.72	\$3.01	\$2.65	\$2.36	\$1.73	\$14.41
0								
1 Total Bill		\$307.74	\$409.95	\$440.09	\$395.29	\$362.10	\$293.00	\$2,208.16
2								
3 DIFFERENCE:								
4 Total Bill		\$14.59	\$10.62	\$16.00	\$5.15	(\$11.85)	(\$25.84)	\$8.68
5 % Change		4.74%	2.59%	3.64%	1.30%	-3.27%	-8.82%	0.39%
6								
7 Base Rate		\$11.27	\$13.53	\$14.39	\$13.32	\$12.49	\$10.62	\$75.62
8 % Change		14.60%	14.49%	14.45%	14.50%	14.53%	14.64%	14.53%
9								
O CGA & LDAC		\$3.32	(\$2.91)	\$1.61	(\$8.17)	(\$24.34)	(\$36.46)	(\$66.94)
'1 % Change		1.45%	-0.93%	0.48%	-2.72%	-8.89%	-16.67%	-4.00%

May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Summer May-Oct	Total Nov-Oct
117	81	72	72	89	142	573	2,000
\$24.64	\$24.64	\$24.64	\$25.56	\$28.58	\$28.58	\$156.64	\$304.48
\$6.55	\$6.55	\$6.55	\$6.76	\$7.46	\$7.46	\$41.34	\$237.84
\$20.66	\$12.99	\$11.08	\$11.44	\$16.75	\$29.61	\$102.53	\$278.68
\$51.85	\$44.18	\$42.27	\$43.76	\$52.79	\$65.65	\$300.50	\$820.99
\$1,1874	\$1,3906	\$1,4249	\$1,4633	\$1,1706	\$1,1706	\$1,2739	\$1.2016
\$138.93	\$112.64	\$102.59	\$105.36	\$104.18	\$166.23	\$729.92	\$2,403.18
\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101
\$1.18	\$0.82	\$0.73	\$0.73	\$0.90	\$1.43	\$5.79	\$20.20
\$191.96	\$157.64	\$145.59	\$149.84	\$157.87	\$233.31	\$1,036.21	\$3,244.38

(\$50.41)	(\$50.05)	(\$46.49)	(\$50.74)	(\$42.74)	(\$68.19)	(\$308.62)	(\$299.94)
-26.26%	-31.75%	-31.93%	-33.86%	-27.07%	-29.23%	-29.78%	-9.25%
\$7.73	\$6.67	\$6.40	\$4.90	\$0.00	\$0.00	\$25.70	\$101.33
14.92%	15.09%	15.14%	11.21%	0.00%	0.00%	8.55%	12.34%
(\$58.15)	(\$56.72)	(\$52.88)	(\$55.65)	(\$42.74)	(\$68.19)	(\$334.32)	(\$401.27)
-41.86%	-50.35%	-51.55%	-52.82%	-41.02%	-41.02%	-45.80%	-16.70%

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 Annual Bill Comparisons, May 08 - Oct 08 vs May 09 - Oct 09 - Commercial Rate G-42

7 November 1, 2008 - April 30, 2009

8 C&I High Winter Use Medium G-42

0	Our riight Willice Ooc Mcai	um C-42							
9 10			Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Winter Nov-Apr
	Typical Usage (Therms)		1,553	2,578	3,265	4,103	3,402	2,473	17,374
12			1,000	2,070	0,200	4,100	0,402	2,470	17,074
	Winter:								
14	Cust. Chg	\$80.44	\$80.44	\$80.44	\$80.44	\$80.44	\$80.44	\$80.44	\$482.64
	Headblock	\$0.3095	\$309.50	\$309.50	\$309.50	\$309.50	\$309.50	\$309.50	\$1,857.00
16	Tailblock	\$0.2044	\$113.03	\$322.54	\$462.97	\$634.25	\$490.97	\$301.08	\$2,324.85
17	HB Threshold	1,000							
18									
19	Summer:								
20	Cust. Chg	\$80.44							
21	Headblock	\$0.3095							
22	Tailblock	\$0.2044							
23	HB Threshold	400							
24									
	Total Base Rate Amount		\$502.97	\$712.48	\$852.91	\$1,024.19	\$880.91	\$691.02	\$4,664.49
26									
27	CGA Rate - (Seasonal)		\$1.1839	\$1.1382	\$1.1203	\$1.0990	\$1.0484	\$1.0484	\$1.0993
	CGA amount		\$1,838.60	\$2,934.28	\$3,657.78	\$4,509.20	\$3,566.66	\$2,592.69	\$19,099.20
29									
30	LDAC		\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	0.0278
31	LDAC amount		\$43.17	\$71.67	\$90.77	\$114.06	\$94.58	\$68.75	\$483.00
32									
33	Total Bill		\$2,384.74	\$3,718.43	\$4,601.45	\$5,647.45	\$4,542.14	\$3,352.46	\$24,246.69
~ 4									

\$61.52 \$2.86 \$379.62 \$265.76 \$207.10

\$80.44

\$123.80

\$0.6727

\$0.0278

\$19.49

\$471.56

Jul-09

414

\$80.44

\$123.80

\$0.6727

\$278.50

\$0.0278

\$11.51

\$497.11

May 1, 2009 - October 31, 2009

May-09 Jun-09

\$80.44

\$123.80

\$175.38

\$0.6727

\$846.26

\$0.0278

\$1,260.84 \$756.81

\$34.97

\$146.36 \$193.10 \$0.6727 \$0.6727 \$143.29

\$80.44

\$65.92

\$0.00

\$0.0278

\$5.92

Aug-09 Sep-09 Oct-09

\$80.44

\$112.66

\$0.00

\$10.12

\$0.6727 \$0.6727 \$244.86 \$470.22 \$2,454.68 \$0.0278 \$0.0278

\$80.44

\$123.80

\$61.12

\$265.36

\$0.0278 \$101.44

Summer

May-Oct

\$482.64

\$673.78

\$300.88

\$1,457.30

\$21,553.89

\$0.0278

Total

Nov-Oct

21,023

\$965.28

\$2,530.78

\$2,625.72

\$6,121.78

\$1.0253

\$19.43 \$584.44 \$295.57 \$448.08 \$755.01 \$4,013.42 \$28,260.11

35 November 1, 2008 - April 30, 2009

36 C&I High Winter Use Medium G-42

38			Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Nov-Apr
39	Typical Usage (Therms)		1,553	2,578	3,265	4,103	3,402	2,473	17,374
40									
41	Winter:								
42	Cust. Chg	\$69.36	\$69.36	\$69.36	\$69.36	\$69.36	\$69.36	\$69.36	\$416.16
43	Headblock	\$0.2716	271.60	271.60	271.60	271.60	271.60	271.60	\$1,629.60
44	Tailblock	\$0.1794	\$99.21	\$283.09	\$406.34	\$556.68	\$430.92	\$264.26	\$2,040.50
45	HB Threshold	1,000							
46									
47	Summer:								
48	Cust. Chg	\$80.44							
49	Headblock	\$0.3095							
50	Tailblock	\$0.2044							
51	HB Threshold	400							
52									
53	Total Base Rate Amount		\$440.17	\$624.05	\$747.30	\$897.64	\$771.88	\$605.22	\$4,086.26
54									
55	CGA Rate - (Seasonal)		\$1.1844	\$1.1667	\$1.1326	\$1.1479	\$1.1701	\$1.2793	\$1.1741
56	CGA amount		\$1,839.37	\$3,007.75	\$3,697.94	\$4,709.83	\$3,980.68	\$3,163.71	\$20,399.29
57									
58	LDAC		\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	0.0101
59	LDAC amount		\$15.69	\$26.04	\$32.98	\$41.44	\$34.36	\$24.98	\$175.48
60									
61	Total Bill		\$2,295.23	\$3,657.84	\$4,478.22	\$5,648.91	\$4,786.92	\$3,793.90	\$24,661.02
62									
63	DIFFERENCE:								

61	Total Bill	\$2,295.23	\$3,657.84	\$4,478.22	\$5,648.91	\$4,786.92	\$3,793.90	\$24,661.02
62								
63	DIFFERENCE:							
64	Total Bill	\$89.52	\$60.59	\$123.24	(\$1.46)	(\$244.78)	(\$441.44)	(\$414.33)
65	% Change	3.90%	1.66%	2.75%	-0.03%	-5.11%	-11.64%	-1.68%
66								
67	Base Rate	\$62.80	\$88.43	\$105.61	\$126.56	\$109.03	\$85.80	\$578.23
68	% Change	14.27%	14.17%	14.13%	14.10%	14.13%	14.18%	14.15%
69								
70	CGA & LDAC	\$26.71	(\$27.84)	\$17.63	(\$128.01)	(\$353.81)	(\$527.24)	(\$992.56)
71	% Change	1.45%	-0.93%	0.48%	-2.72%	-8.89%	-16.67%	-4.87%

						Summer	Total
May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	May-Oct	Nov-Oct
1,258	701	414	213	364	699	3,649	21,023
\$69.36	\$69.36	\$69.36	\$71.95	\$80.44	\$80.44	\$440.91	\$857.07
\$108.64	\$108.64	\$108.64	\$59.73	\$112.66	\$123.80	\$622.11	\$2,251.71
\$153.93	\$54.00	\$2.51	\$0.00	\$0.00	\$61.12	\$271.55	\$2,312.05
\$331.93	\$232.00	\$180.51	\$131.68	\$193.10	\$265.36	\$1,334.57	\$5,420.83
\$1.1874	\$1.3906	\$1.4249	\$1.4633	\$1.1706	\$1.1706	\$1.2646	\$1.1898
\$1,493.75	\$974.81	\$589.91	\$311.68	\$426.10	\$818.25	\$4,614.50	\$25,013.79
\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101
\$12.71	\$7.08	\$4.18	\$2.15	\$3.68	\$7.06	\$36.85	\$212.33
ψ12./1	ψ1.00	ψ4.10	Ψ2.10	φυ.00	φ1.00	ψ50.00	ψ <u>ε</u> 12.33
\$1,838.38	\$1,213.89	\$774.60	\$445.51	\$622.87	\$1.090.66	\$5,985.92	\$30,646.94

(\$577.54)	(\$457.08)	(\$277.49)	(\$149.94)	(\$174.79)	(\$335.66)	(\$1,972.50)	(\$2,386.84)
-31.42%	-37.65%	-35.82%	-33.66%	-28.06%	-30.78%	-32.95%	-7.79%
\$47.69	\$33.77	\$26.59	\$14.68	\$0.00	\$0.00	\$122.73	\$700.96
14.37%	14.55%	14.73%	11.15%	0.00%	0.00%	9.20%	12.93%
(\$625.23)	(\$490.84)	(\$304.08)	(\$164.63)	(\$174.79)	(\$335.66)	(\$2,095.23)	(\$3,087.79)
-41.86%	-50.35%	-51.55%	-52.82%	-41.02%	-41.02%	-45.41%	-12.34%

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing 4 Annual Bill Comparisons, May 08 - Oct 08 vs May 09 - Oct 09 - Commercial Rate G-52

7 November 1, 2008 - April 30, 2009 8 Commercial Rate (G-52)

0	Commercial Rate (G-52)								
9									Winter
10			Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	Nov-Apr
	Typical Usage (Therms)		1,722	2,086	2,330	2,333	2,291	1,872	12,634
12									
13	Winter:								
14	Cust. Chg	\$80.36	\$80.36	\$80.36	\$80.36	\$80.36	\$80.36	\$80.36	\$482.16
15	Headblock	\$0.1976	\$197.60	\$197.60	\$197.60	\$197.60	\$197.60	\$197.60	\$1,185.60
16	Tailblock	\$0.1341	\$96.82	\$145.63	\$178.35	\$178.76	\$173.12	\$116.94	\$889.62
17	HB Threshold	1,000							
18									
19	Summer:								
20	Cust. Chg	\$80.36							
21	Headblock	\$0.1453							
22	Tailblock	\$0.0836							
23	HB Threshold	1,000							
24									
25	Total Base Rate Amount		\$374.78	\$423.59	\$456.31	\$456.72	\$451.08	\$394.90	\$2,557.38
26									
27	CGA Rate - (Seasonal)		\$1.1826	\$1.1369	\$1.1190	\$1.0977	\$1.0471	\$1.0471	\$1.1030
28	CGA amount		\$2,036.44	\$2,371.57	\$2,607.27	\$2,560.93	\$2,398.91	\$1,960.17	\$13,935.29
29									
30	LDAC		\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	0.0278
	LDAC amount		\$47.87	\$57.99	\$64.77	\$64.86	\$63.69	\$52.04	\$351.23
32									
33	Total Bill		\$2,459.09	\$2,853.16	\$3,128.36	\$3,082.51	\$2,913.68	\$2,407.11	\$16,843.90
~ 4									

May 1	2009 -	October	31	2009
way i,	2003 -	Octobei	ы,	2003

May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Summer May-Oct	Total Nov-Oct
1,510	1,374	1,247	1,190	1,210	1,324	7,855	20,489
****	***	* 00.00	****	0 00 00	400.00	0.400.40	# 004.00
\$80.36 \$145.30	\$80.36 \$145.30	\$80.36 \$145.30	\$80.36 \$145.30	\$80.36 \$145.30	\$80.36 \$145.30	\$482.16 \$871.80	\$964.32 \$2,057.40
\$42.64	\$31.27	\$20.65	\$15.88	\$17.56	\$27.09	\$155.08	\$1,044.70
\$268.30	\$256.93	\$246.31	\$241.54	\$243.22	\$252.75	\$1,509.04	\$4,066.42
\$0.6707	\$0.6707	\$0.6707	\$0.6707	\$0,6707	\$0.6707	\$0.6707	\$0.9373
\$1,012.76	\$921.54	\$836.36	\$798.13	\$811.55	\$888.01	\$5,268.35	\$19,203.64
\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278	\$0.0278
\$41.98	\$38.20	\$34.67	\$33.08	\$33.64	\$36.81	\$218.37	\$569.59
\$1,323.03	\$1,216.67	\$1,117.34	\$1,072.76	\$1,088.40	\$1,177.56	\$6,995.76	\$23,839.65

34 35 November 1, 2008 - April 30, 2009 36 Commercial Rate (G-52)

37									Winter
38			Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	Nov-Apr
39	Typical Usage (Therms)		1,722	2,086	2,330	2,333	2,291	1,872	12,634
40									
41	Winter:								
42	Cust. Chg	\$69.29	\$69.29	\$69.29	\$69.29	\$69.29	\$69.29	\$69.29	\$415.74
	Headblock	\$0.1734	173.40	173.40	173.40	173.40	173.40	173.40	\$1,040.40
44	Tailblock	\$0.1177	\$84.98	\$127.82	\$156.54	\$156.89	\$151.95	\$102.63	\$780.82
45	HB Threshold	1,000							
46									
47	Summer:								
	Cust. Chg	\$80.36							
49	Headblock	\$0.1453							
50	Tailblock	\$0.0836							
51	HB Threshold	1,000							
52									
	Total Base Rate Amount		\$327.67	\$370.51	\$399.23	\$399.58	\$394.64	\$345.32	\$2,236.96
54									
55	CGA Rate - (Seasonal)		\$1.1838	\$1.1661	\$1.1320	\$1.1473	\$1.1695	\$1.2787	\$1.1761
56	CGA amount		\$2,038.50	\$2,432.48	\$2,637.56	\$2,676.65	\$2,679.32	\$2,393.73	\$14,858.25
57									
58	LDAC		\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	0.0101
	LDAC amount		\$17.39	\$21.07	\$23.53	\$23.56	\$23.14	\$18.91	\$127.60
60									
	Total Bill		\$2,383.57	\$2,824.07	\$3,060.32	\$3,099.80	\$3,097.10	\$2,757.96	\$17,222.82
62						·	·	·	
63	DIFFERENCE:								

						Summer	Total
May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	May-Oct	Nov-Oct
1,510	1,374	1,247	1,190	1,210	1,324	7,855	20,489
\$69.29	\$69.29	\$69.29	\$71.87	\$80.36	\$80.36	\$440.46	\$856.20
\$127.50	\$127.50	\$127.50	\$131.65	\$145.30	\$145.30	\$804.75	\$1,845.15
\$37.43	\$27.45	\$18.13	\$14.40	\$17.56	\$27.09	\$142.06	\$922.88
\$234.22	\$224.24	\$214.92	\$217.92	\$243,22	\$252.75	\$1.387.27	\$3.624.23
\$234.22	\$224.24	φ2 14.9Z	\$217.92	\$243.22	φ232.73	\$1,307.27	\$3,024.23
\$1,1867	\$1,3899	\$1,4240	\$1,4624	\$1,1700	\$1,1700	\$1,2963	\$1.2222
\$1,791.92	\$1,909.72	\$1,775.73	\$1,740.26	\$1,415.70	\$1,549.08	\$10,182.40	\$25,040.65
\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101	\$0.0101
\$15.25	\$13.88	\$12.59	\$12.02	\$12.22	\$13.37	\$79.34	\$206.94
\$2.041.39	\$2.147.84	\$2.003.24	\$1.970.20	\$1.671.14	\$1.815.20	\$11.649.01	\$28.871.82

62							
63 DIFFERENCE:							
64 Total Bill	\$75.52	\$29.09	\$68.03	(\$17.29)	(\$183.43)	(\$350.85)	(\$378.92)
65 % Change	3.17%	1.03%	2.22%	-0.56%	-5.92%	-12.72%	-2.20%
66							
67 Base Rate	\$47.11	\$53.08	\$57.08	\$57.13	\$56.44	\$49.57	\$320.42
68 % Change	14.38%	14.33%	14.30%	14.30%	14.30%	14.35%	14.32%
69							
70 CGA & LDAC	\$28.41	(\$23.99)	\$10.95	(\$74.42)	(\$239.87)	(\$400.42)	(\$699.34)
71 % Change	1.39%	-0.99%	0.42%	-2.78%	-8.95%	-16.73%	-4.71%

(\$718.36)	(\$931.18)	(\$885.90)	(\$897.44)	(\$582.74)	(\$637.64)	(\$4,653.25)	(\$5,032.17)
-35.19%	-43.35%	-44.22%	-45.55%	-34.87%	-35.13%	-39.95%	-17.43%
\$34.07	\$32.68	\$31.39	\$23.62	\$0.00	\$0.00	\$121.77	\$442.19
14.55%	14.58%	14.61%	10.84%	0.00%	0.00%	8.78%	12.20%
(\$752.43)	(\$963.86)	(\$917.29)	(\$921.06)	(\$582.74)	(\$637.64)	(\$4,775.02)	(\$5,474.36)
-41.99%	-50.47%	-51.66%	-52.93%	-41.16%	-41.16%	-46.89%	-21.86%

1 ENERGY NORTH NATURAL GAS, INC. 2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing 4 Residential Heating

4 Residential neating		
5	Summer 2008	Summer 2009
6 Customer Charge	\$11.46	\$11.46
7 First 20 Therms	\$0.3356	\$0.3356
8 Excess 20 Therms	\$0.1950	\$0.1950
9 LDAC	\$0.0192	\$0.0260
10 CGA	\$1.2646	\$0.6722
11 Total Adjust	\$1.2838	\$0.6982
12		

14	
15	
16 <u>Summer 2008 CGA @</u> <u>Summer 2009</u>	CGA @
17 \$1.2838 \$0.	6982
18	
19 Cooking alone 5 \$17.77 \$1	16.63
20	
21 10 \$25.66 \$2	21.80
22	
23 20 \$41.45 \$3	32.14
24	
	11.07
26	
	54.47
28	
	58.93
30	
	31.26
32	
	33.07
34	10.05
	18.25
36 37 200 \$303.33 \$19	92.91
38 200 \$303.33 \$18	12.91
30	

To	otal	Base Rate	;	CC	€A.	LDAC			
\$ Impact	% Impact	\$ Impact	% Imp	\$ Impact	% Impact	\$ Impact	% Impact		
(\$0.59	-46%								
(\$1.14	-6%	\$1.79	10%	-\$2.96	-18%	\$0.03	09		
(\$3.86	-15%	\$1.99	8%	-\$5.92	-27%	\$0.07	09		
(\$9.31	-22%	\$2.40	6%	-\$11.85	-37%	\$0.14	0		
(\$14.93	-27%	\$2.64	5%	-\$17.77	-43%	\$0.20	0		
(\$23.35	-30%	\$3.00	4%	-\$26.66	-49%	\$0.31	0		
(\$26.16	-31%	\$3.12	4%	-\$29.62	-50%	\$0.34	0		
(\$40.20	-33%	\$3.72	3%	-\$44.43	-55%	\$0.51	0		
(\$72.78	-35%	\$5.10	2%	-\$78.79	-59%	\$0.90	0		
(\$82.33	-36%	\$5.51	2%	-\$88.86	-60%	\$1.02	0		
(\$110.41	-36%	\$6.70	2%	-\$118.48	-61%	\$1.36	0		

1 ENERGY NORTH NATURAL GAS, INC.

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 Variance Analysis of the Components of the Summer 2008 Actual Results vs Proposed Summer 2009 Cost of Gas Rate 5

6	
7	

8 9 10		ES ACTUAL R	ESULTS	(6	SUMMER 2009 (6 months Proposed)				
11 Therm Sales	21,193,123				22,899,858				
12 13 14	THERM SENDOUT		COSTS	EFFECT ON COST OF GAS	THERM SENDOUT	COSTS		0	FFECT N COST OF GAS
15 16 Demand Charges		\$	3,143,296	\$ 0.1483		\$	3,059,784	\$	0.1336
17		Ψ	0,110,200	Ψ 0.1 100		Ψ	0,000,701	Ψ	0.1000
18 Purchased Gas 19	20,522,670		21,029,072	0.9923	23,907,992		11,690,508		0.5105
20 Storage Gas 21	733,490		617,880	0.0292	0		0		0.0000
22 Produced Gas 23	126,470		122,838	0.0058	155,729		70,881		0.0031
24 Hedging (Gain)/Loss 25			(735,533)	(0.0347)			2,198,899		0.0960
2627 Total Volumes and Cost	21,382,630	\$	24,177,553	\$ 1.1408	24,063,721	\$	17,020,073	\$	0.7432
 28 29 Prior Period Balance 30 Interest 31 Prior Period Adjustment 		\$	148,457 37,839	\$ 0.0070 0.0018			(1,969,485) (28,902) 162,600	\$	(0.0860) (0.0013) 0.0071
32 Broker Revenues			-	-			- ,		-
33 Refunds from Suppliers			-	-			-		-
34 Fuel Financing			-	-			-		-
35 Transportation CGA Revenues			-	-			-		-
36 280 Day Margin			-	-			-		-
37 Interruptible Sales Margin			-	-			-		-
38 Capacity Release and Off System Sales Margins			-	-			-		-
39 Hedging Costs			- 07.000	-			07.540		-
40 Misc Overhead			27,862	0.0013			27,510		0.0012
41 FPO Admin Costs 42 Indirect Gas Costs			364,212	0.0172			179,970		0.0079
43 44 Total Adjusted Cost		\$	24,755,923	\$ 1.1681		\$	15,391,765	\$	0.6722

d/b/a National Grid NH 2009 Summer Cost of Gas Filing **Capacity Assignment Calculations 2008-2009 Derivation of Class Assignments and Weightings**

- 1 Residential class pays average seasonal gas cost rate (using MBA method to allocate costs to seasons)
- 2 Residual gas costs are allocated to C&I HLF and LLF classes based on MBA method
- 3 The MBA method allocates capacity costs based on design day demands in two pieces:
- a The base use portion of the class design day demand based on base use
 b The remaining portion of design day demand based on remaining design day demand
 4 Base demand is composed solely of pipeline supplies
- 5 Remaining demand consists of a portion of pipeline and all storage and peaking supplies

				Column A	Column B	Column C	Column D	Column E	Column F
					Adjusted			Avg Daily	Remaining
				Design Day	Design Day	Danasat of Total		Base Use	Design Day
4	DATE D 1 Dooi Non H	t-a		Demand. Dktherm 705	Demand, Dt 771	Percent of Total 0.5%		Load, Dt 182	Demand 589
1 2	RATE R-1-Resi Non-H RATE R-3-Resi Htg	ıg		61,315	68,577	47.3%		3,933	64,644
3	RATE G-41 (T)			22,129	24,830	47.3% 17.1%		786	24,044
4	RATE G-41 (1)			2,626	2,880	2.0%		624	2,256
5	RATE G-42 (V)			32,233	36,083	24.9%		1,807	34,276
6	RATE G-52			4,075	4,441	3.1%		1,187	3,254
7	RATE G-43			3,302	3,663	2.5%		446	3,217
8	RATE G-53			1,463	1,616	1.1%		255	1,361
9	RATE G-54			485	493	0.3%		425	68
10	RATE G-63			1,557	1,748	1.2%		51	1,697
11	Total			129,890	145,102	100.0%		9,696	135,406
12									
13	Residential Total			62,020	69,348	47.793%		4,115	65,233
14	LLF Total			57,663	64,576	44.504%		3,039	61,537
15	HLF Total			10,207	11,178	7.704%		2,543	8,635
16	Total			129,890	145,102	100.0%		9,696	135,406
17	0015								
18	C&I Breakdown							2.020	C4 F07
19	LLF Total							3,039	61,537
20 21	HLF Total Total							2,543 5,581	8,635 70,173
22	Total							3,361	70,173
23	C&I Breakdown Percer	ntage							
24	LLF Total	nage						54.444%	87.694%
25	HLF Total							45.556%	12.306%
26	Total							100.0%	100.0%
27									
28				Capacity Cost	MDQ, Dt	\$/Dt-Mo.			
29	Pipeline			\$4,988,254	49,718	\$8.3609			
30	Storage			\$4,623,947	28,115	\$13.7055			
31									
32	Peaking			\$3,949,463					
33		sts (City Gate Deliveries x Differentia	l)	\$2,368,452					
34	Subtotal Peaking	Costs		<u>\$6,317,915</u>	67,267	\$7.8269			
35	Total			\$15,930,116	145,100	\$9.1489			
36									
37				Capacity Cost	MDQ, Dt	\$/Dt-Mo.			
38	Pipeline - Baseload			972,822	9,696	\$8.3609			
39	Pipeline - Remaining			4,015,432	40,022	\$8.3609			
40	Storage			4,623,947	28,115	\$13.7055			
41	Peaking			6,317,915	67,267	<u>\$7.8269</u>			
42	Total			15,930,116	145,100	\$9.1489			
43									
44 45 D	opidential Allentine			Conneit: Cast	MDC Dt	C/D+ M4-			
	esidential Allocation	Line 38 * Line 13 Col C	47.793%	Capacity Cost	MDQ, Dt	\$/Dt-Mo. \$8.3609			
46 47	Pipeline - Base Pipeline - Remaining	Line 38 * Line 13 Col C Line 39 * Line 13 Col C	47.793% 47.793%	464,941 1,919,092	4,634	\$8.3609 \$8.3609			
47 48	Storage	Line 40 * Line 13 Col C	47.793% 47.793%	2,209,930	19,128 13,437	\$8.3609 \$13.7055			
46 49	Peaking	Line 40 Line 13 Col C	47.793% 47.793%	3,019,524	32,149	\$7.8269			
50	•	LING TI LING 13 COLO	47.793%		69,348	\$9.1489			
50	Total		41.195%	7,613,465	09,348	ф9.1489			

d/b/a National Grid NH 2009 Summer Cost of Gas Filing Capacity Assignment Calculations 2008-2009 Derivation of Class Assignments and Weightings

51	Transit of Glace 710	organical data viol	<u> 490</u>						
52									Ratios for COG
53	C&I Allocation			(Capacity Cost	1	MDQ, Dt	\$/Dt-Mo.	
54	Pipeline - Base	Line 38 - Line 46			507,881		5,062	\$8.3609	
55	Pipeline - Remaining	Line 39 - Line 47			2,096,340		20,894	\$8.3609	
56	Storage	Line 40 - Line 48			2,414,017		14,678	\$13.7054	
57	Peaking	Line 41 - Line 49			3,298,391		35,118	\$7.8269	
58	Total		52.207%		8,316,628		75,752	\$9.1489	1.0000
59									
60									
61	LLF - C&I Allocation			(Capacity Cost		MDQ, Dt	\$/Dt-Mo.	
62	Pipeline - Base	Line 54 * Line 24 Col E			276,509		2,756	\$8.3608	
63	Pipeline - Remaining	Line 55 * Line 24 Col F			1,838,365		18,323	\$8.3609	
64	Storage	Line 56 * Line 24 Col F			2,116,949		12,872	\$13.7051	
65	Peaking	Line 57 * Line 24 Col F			2,892,492		30,796	\$7.8270	
66	Total		44.7223%		7,124,315		64,747	\$9.1694	1.0022
67									(Line 66 / Line 58)
68									
69	HLF - C&I Allocation			(Capacity Cost	- 1	MDQ, Dt	\$/Dt-Mo.	
70	Pipeline - Base	Line 54 - Line 62			231,372		2,306	\$8.3612	
71	Pipeline - Remaining	Line 55 - Line 63			257,975		2,571	\$8.3617	
72	Storage	Line 56 - Line 64			297,068		1,806	\$13.7075	
73	Peaking	Line 57 - Line 65	-		405,899		4,322	\$7.8262	
74	Total		7.4847%		1,192,314		11,005	\$9.0286	0.9869
75									(Line 74 / Line 58)
76									
77	Unit Cost				Residential		LLF C&I	HLF C&I	
78									
79	Pipeline			\$	8.3609	\$	8.3609	\$ 8.3609	
80	Storage			\$	13.7055	\$	13.7055	\$ 13.7055	
81	Peaking		-	\$	0.4400	\$	- 0.4004	\$ - 0.0000	•
82	Total			\$	9.1489	\$	9.1694	\$ 9.0286	
83 84									
	Lood Makeup				Residential		LLF C&I	HLF C&I	1
85 86	Load Makeup				Residential		LLF Cal	HLF CAI	
87	Pipeline				34.26%		32.56%	44.32%	
88	Storage				19.38%		19.88%	16.41%	
89	Peaking				46.36%		47.56%	39.27%	
90	Total				100.00%		100.00%	100.00%	
91	rotar				100.0070		100.0070	100.0070	
92									
93	Supply Makeup				Residential		LLF C&I	HLF C&I	Total
94	Cappiy Mancup				Rosidoritiai		LLI OUI	oai	· otal
95	Pipeline				47.79%		42.40%	9.81%	100.00%
96	Storage				47.79%		45.78%	6.42%	100.00%
97	Peaking				47.79%		45.78%	6.43%	100.00%
							.5 570	5570	100.0070

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1 ENERGY NORTH NATURAL GAS, INC.
 2 d/b/a National Grid NH
 3 2009 Summer Cost of Gas Filing
 4 Correction Factor Calculation
 5
 6
 7
 8 Data Source: Schedule 10B
                                                                                                                                    Total
                                                                                                  September
                                                                                                                   October
                                                                                                                                   Sales
                                         May
                                                        June
                                                                       July
                                                                                     August
10
11 G-41
                                          959,226
                                                         415,520
                                                                        231,715
                                                                                       215,815
                                                                                                      253,904
                                                                                                                      370,290
                                                                                                                                 2,446,470
12 G-42
                                                                                                                      796,626
                                                                                                                                 4.713.399
                                         1,602,989
                                                         822.884
                                                                        518.720
                                                                                       459.008
                                                                                                      513.171
13 G-43
                                           67,938
                                                         190,196
                                                                        119,024
                                                                                       106,961
                                                                                                      100,894
                                                                                                                      152,646
                                                                                                                                 737,659
14 High Winter Use
                                         2,630,153
                                                        1,428,600
                                                                        869,459
                                                                                       781,783
                                                                                                      867,970
                                                                                                                     1,319,563
                                                                                                                                 7,897,528
15
16 G-51
                                          275.716
                                                         229.718
                                                                        192,653
                                                                                       186,960
                                                                                                      187.440
                                                                                                                      200,788
                                                                                                                                 1,273,275
17 G-52
                                          394,561
                                                         347,378
                                                                        288,500
                                                                                       288,563
                                                                                                      305,232
                                                                                                                      311,238
                                                                                                                                 1,935,472
18 G-53
                                           55,922
                                                          48,160
                                                                         41,671
                                                                                        39,419
                                                                                                       41,666
                                                                                                                       42,178
                                                                                                                                  269,016
19 G-54
                                              303
                                                             292
                                                                            181
                                                                                           255
                                                                                                          205
                                                                                                                          256
                                                                                                                                   1,493
20 G-63
                                            19,330
                                                          24,141
                                                                         21,118
                                                                                        23,213
                                                                                                       25,430
                                                                                                                       23,243
                                                                                                                                  136,475
21 Low Winter Use
                                          745,833
                                                         649,689
                                                                        544,123
                                                                                       538,409
                                                                                                      559,973
                                                                                                                      577,703
                                                                                                                                 3,615,730
22
                                        3,375,986
23 Gross Total
                                                       2,078,289
                                                                      1,413,582
                                                                                     1,320,192
                                                                                                     1,427,943
                                                                                                                    1,897,266
                                                                                                                                11,513,259
24
25
26 Total Sales
                                                                                    11,513,259
27 Low Winter Use
                                                                                     3.615.730
28 Summer Ratio for Low Winter Use
                                                                                       0.98690 Schedule 10A p 2, ln 74
29 High Winter Use
                                                                                     7,897,528
30 Summer Ratio for High Winter Use
                                                                                       1.00220 Schedule 10A p 2, ln 66
31
32 Correction Factor =
                                                                                Total Sales / (Low Summer Ratio x Low Summer Sales)+(High Summer Ratio x High Summer Sales
33 Correction Factor =
                                                                                     100.2612%
34
35
36 Allocation Calculation for Miscellaneous Overhead
38 Projected Summer Sales Volume
                                                                                 (5/1/09 - 10/31/09)
                                                                                                                   23,350,050 Sch.10B, In 24
39 Projected Annual Sales Volume
                                                                                 (11/1/08 - 10/31/09)
                                                                                                                  114,873,093 Sch.10B, In 24
40 Percentage of Summer Sales to Annual Sales
                                                                                                                       20.33%
```

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

•		Dry Therms
•	Firm Sales	

7 Firm Sales	2.,						Subtotal							Subtotal	
8	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	PK 08-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	OP 09	Total
9 R-1	85,646	122,724	136,050	136,706	124,262	113,154	718,542	95,965	78,476	62,554	54,379	56,080	63,610	411,063	1,129,605
10 R-3	3,990,709	8,059,121	9,350,683	9,518,325	8,000,853	6,024,892	44,944,584	3,310,876	1,904,615	1,279,494	1,137,452	1,230,252	1,639,923	10,502,611	55,447,195
11 R-4	120,172	349,589	542,497	830,366	784,389	761,395	3,388,409	431,021	142,896	92,219	77,137	77,618	102,226	923,116	4,311,525
12 Total Residential.	4,196,527	8,531,435	10,029,231	10,485,397	8,909,504	6,899,441	49,051,534	3,837,862	2,125,987	1,434,266	1,268,968	1,363,950	1,805,758	11,836,791	60,888,325
13															
14 G-41	1,038,690	2,492,994	3,264,000	3,355,199	2,937,969	2,038,987	15,127,840	959,226	415,520	231,715	215,815	253,904	370,290	2,446,470	17,574,311
15 G-42	1,652,516	3,228,404	4,116,739	4,202,605	3,692,309	2,784,677	19,677,249	1,602,989	822,884	518,720	459,008	513,171	796,626	4,713,399	24,390,648
16 G-43	148,593	194,649	326,828	328,801	299,064	284,042	1,581,977	67,938	190,196	119,024	106,961	100,894	152,646	737,659	2,319,636
17 G-51	254,284	367,204	433,361	444,593	404,071	343,058	2,246,572	275,716	229,718	192,653	186,960	187,440	200,788	1,273,275	3,519,846
18 G-52	389,467	523,442	619,486	645,483	578,980	511,984	3,268,843	394,561	347,378	288,500	288,563	305,232	311,238	1,935,472	5,204,315
19 G-53	73,485	78,521	100,758	110,579	94,998	89,151	547,492	55,922	48,160	41,671	39,419	41,666	42,178	269,016	816,508
20 G-54	122	98	120	933	2,645	3,852	7,770	303	292	181	255	205	256	1,493	9,262
21 G-63	2,550	2,892	3,144	2,794	1,248	1,139	13,767	19,330	24,141	21,118	23,213	25,430	23,243	136,475	150,242
22 Total C/I	3,559,706	6,888,206	8,864,436	9,090,987	8,011,284	6,056,890	42,471,509	3,375,986	2,078,289	1,413,582	1,320,192	1,427,943	1,897,266	11,513,259	53,984,768
23															
24 Sales Volume	7,756,234	15,419,641	18,893,666	19,576,384	16,920,787	12,956,331	91,523,044	7,213,848	4,204,276	2,847,848	2,589,160	2,791,892	3,703,024	23,350,050	114,873,093
25															
26 Transportation Sales															
27															
28 G-41	121,277	224,920	283,293	276,474	296,337	213,645	1,415,946	124,229	68,865	42,601	37,838	46,583	67,957	388,072	1,804,018
29 G-42	499,300	1,002,835	1,294,971	1,292,441	1,446,618	982,718	6,518,883	415,709	222,353	144,635	151,421	159,294	237,213	1,330,626	7,849,510
30 G-43	174,370	278,623	482,446	646,923	650,606	651,404	2,884,373	(43,193)	157,202	107,575	96,691	103,112	30,511	451,898	3,336,271
31 G-51	34,810	45,612	49,523	53,031	55,579	48,407	286,961	31,186	25,871	22,254	23,222	22,004	29,208	153,745	440,706
32 G-52	116,848	151,843	173,969	163,959	159,037	147,651	913,308	124,040	113,210	89,282	98,498	97,651	112,484	635,165	1,548,474
33 G-53	732,306	763,294	985,009	1,033,890	901,002	870,750	5,286,252	803,655	691,405	596,099	559,561	599,571	619,005	3,869,295	9,155,547
34 G-54	27,848	22,340	26,822	205,074	602,377	877,382	1,761,844	25,094	24,191	14,955	21,096	16,978	19,695	122,008	1,883,852
35 G-63	1,184,139	1,339,158	1,463,165	1,297,105	580,861	530,095	6,394,522	1,061,826	1,330,893	1,167,682	1,284,045	1,408,651	1,162,973	7,416,069	13,810,591
36															
37 Total Trans. Sales	2,890,897	3,828,625	4,759,199	4,968,898	4,692,418	4,322,053	25,462,089	2,542,546	2,633,990	2,185,084	2,272,371	2,453,843	2,279,045	14,366,880	39,828,970
38															
39 Total All Sales	10,647,131	19,248,266	23,652,865	24,545,282	21,613,205	17,278,384	116,985,133	9,756,394	6,838,266	5,032,932	4,861,531	5,245,736	5,982,070	37,716,930	154,702,063

1 ENERGY NORTH NATURAL GAS, INC. 2 d/b/a National Grid NH 3 Off Peak 2009 Summer Cost of Gas Filing 4 Normal and Design Year Volumes Schedule 11A 6 7 Volumes (Therms) **Normal Year** 9 For the Months of May 09 -October 09 10 11 Off Peak 12 May-09 Jun-09 Jul-09 Aug-09 Sep-09 Oct-09 May - Oct 13 Pipeline Gas: Dawn Supply 6,603,988 1,112,737 1,076,521 1,112,737 1,112,737 1,076,521 1,112,737 Niagara Supply 875.522 1.902.245 596.659 120.418 309.647 TGP Supply (Direct) 4,580,116 2,729,479 6,530,348 23,028,846 2,658,857 2.813.681 3,716,365 TGP Zone 6 Purchases 11,770 11,770 17 **Dracut Winter Supply** 18 19 City Gate Delivered Supply 317,795 317.795 LNG Truck 86,013 26,257 26,257 26,257 26,257 26,257 217,296 21 Propane Truck 38,932 199,188 50,702 288,823 22 PNGTS 11,770 18,108 9,959 10,865 13,581 22,635 86,918 Granite Ridge 24 Subtotal Pipeline Volumes 6,672,496 4,370,063 3,998,849 4,002,471 5,031,911 8,381,891 32,457,681 25 26 Storage Gas: 27 TGP Storage 0 28 29 Produced Gas: 30 LNG Vapor 26,257 25,351 26,257 26,257 25,351 26,257 155,729 31 Propane 26,257 25,351 26,257 26,257 25,351 32 Subtotal Produced Gas 26,257 155,729 33 34 Less - Gas Refills: LNG Truck 35 (217, 296)(86.013)(26, 257)(26,257)(26, 257)(26, 257)(26, 257)Propane (38,932)(199,188)(50,702)(288,823)TGP Storage Refill (1,340,595) (1,340,595) (1,340,595) (1,340,595)(1,340,595)(1,340,595)(8,043,570)

(1,366,852) (1,366,852)

2,658,254

3,028,563

(1,405,784)

2,622,944

(1,566,040)

3,491,222

(1,417,554)

6,990,593

(8,549,689)

24,063,721

(1,426,608)

5,272,144

39 40 Total Sendout Volumes

38 Subtotal Refills

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

42 Normal and Design Year Volumes

43 44

45 Volumes (Therms)

Design Year

46

47 For the Months of May 09 -October 09

48 49

40							
49							Off Peak
50	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	May - Oct
51 Pipeline Gas:							
52 Dawn Supply	1,112,737	1,076,521	1,112,737	1,112,737	1,076,521	1,112,737	6,603,988
53 Niagara Supply	875,522	593,037	121,324	-	535,997	332,282	2,458,161
54 TGP Supply (Direct)	4,779,304	2,677,871	2,728,573	2,813,681	3,253,705	6,667,063	22,920,198
55 TGP Zone 6 Purchases	-	-	-	-	-	41,648	41,648
56 Dracut Winter Supply	-	-	-	-	-	-	-
57 City Gate Delivered Supply	2,716	-	-	-	-	455,416	458,132
58 LNG Truck	86,013	26,257	26,257	26,257	26,257	26,257	217,296
59 Propane Truck	-	-	4,527	104,121	104,121	50,702	263,471
60 PNGTS	18,108	11,770	9,959	10,865	13,581	22,635	86,918
61 Granite Ridge	-	-	-	-	-	-	-
62 VPEM							
63 Subtotal Pipeline Volumes	6,874,400	4,385,455	4,003,376	4,067,660	5,010,181	8,708,740	33,049,813
64							
65 Storage Gas:							
66 TGP Storage	-	-	-	-	-	-	0
67							
68 Produced Gas:							
69 LNG Vapor	26,257	26,257	26,257	26,257	26,257	26,257	157,540
70 Propane	-	-	-	-	-	-	0
71 Subtotal Produced Gas	26,257	26,257	26,257	26,257	26,257	26,257	157,540
72							
73 Less - Gas Refills:							
74 LNG Truck	(86,013)	(26,257)	(26,257)	(26,257)	(26,257)	(26,257)	(217,296)
75 Propane	-	-	(4,527)	(104,121)	(104,121)	(50,702)	(263,471)
76 TGP Storage Refill	(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(1,340,595)	(8,043,570)
77 Subtotal Refills	(1,426,608)	(1,366,852)	(1,371,379)	(1,470,973)	(1,470,973)	(1,417,554)	(8,524,338)
78	, , , ,	, , , ,	, , ,	, , ,	, , ,	` ' '	, , , , ,
79 Total Sendout Volumes	5,474,048	3,044,860	2,658,254	2,622,944	3,565,465	7,317,443	24,683,015

Schedule 11B

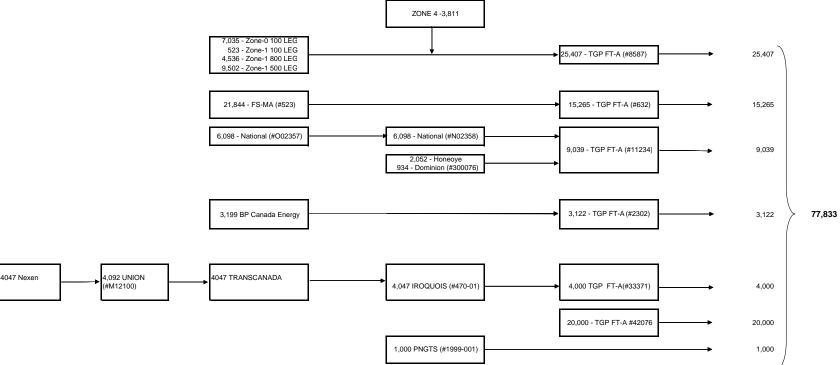
2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 Capacity Utilization

5 Volumes (Therms)

6								
7	Off-Peak Period			C	Off-Peak Period			
8	Normal Year		Seasonal		Design Year		Seasonal	
9	Use	MDQ	Quantity	Utilization	Use	MDQ	Quantity	Utilization
10	(Therms)	(MMBtu/day)	(Therms)	Rate	(Therms)	(MMBtu/day)	(Therms)	Rate
11 Pipeline Gas:								
12 Dawn Supply	6,603,988	4,000	7,240,000	91%	6,603,988	4,000	7,240,000	91%
13 Niagara Supply	1,902,245	3,122	5,650,820	34%	2,458,161	3,122	5,650,820	44%
14 TGP Supply (Direct)	23,028,846	21,596	39,088,760	59%	22,920,198	21,596	39,088,760	59%
15 TGP Zone 6 Purchases	11,770	3,811	6,897,910	0%	41,648	3,811	6,897,910	1%
16 Dracut Winter Supply	-	-	-	-	-	-	-	0%
17 City Gate Delivered Supply	317,795	8,000	12,080,000	3%	458,132	8,000	12,080,000	4%
18 LNG Truck	217,296	-	-	-	217,296	-	-	-
19 Propane Truck	288,823				263,471			
20 PNGTS	86,918	1,000	1,810,000	5%	86,918	1,000	1,810,000	5%
21 Granite Ridge	-	-	-	-	-	-	-	0%
22 VPEM	-	-	-	-	-	-	-	0%
23								
24 Subtotal Pipeline Volumes	32,457,681				33,049,813			
25								
26 Storage Gas:								
27 TGP Storage	0		25,801,310	0%	-		25,801,310	0%
28								
29 Produced Gas:								
30 LNG Vapor	155,729				157,540			
31 Propane		-		_	-	_		
32								
33 Subtotal Produced Gas	155,729				157,540			
34								
35 Less - Gas Refills:								
36 LNG Truck	(217,296)				(217,296)			
37 Propane	(288,823)				(263,471)			
38 TGP Storage Refill	(8,043,570)				(8,043,570)			
39		- '		_		_		
40 Subtotal Refills	(8,549,689)				(8,524,338)			
41								
42 Total Sendout Volumes	24,063,721				24,683,015			
43								



ENERGY NORTH NATURAL GAS, INC. d/b/a National Grid NH Off Peak 2009 Summer Cost of Gas Filing Agreements for Gas Supply and Transportation

SOURCE	RATE SCHEDULE	CONTRACT NUMBER	TYPE	MDQ MMBTU	MAQ * MMBTU	EXPIRATION DATE	NOTIFICATION DATE	RENEWAL OPTIONS
Granite Ridge Energy, LLC (Formerly AES Londonderry, L.L.C.)	-	-	Supply	15,000	450,000	09/30/09	N/a	Mutually agreed upon.
BP Gas & Power Canada, Ltd	_	_	Supply	3,199	1,167,635	3/31/2012	N/a	Terminates
Nexen Marketing			Supply	4,047	611,097	10/31/2009	N/a	Terminates
Distrigas of Massachusetts Corp.	FLS	FLS164	Liquid Refill	7 Trucks	50,000	10/31/2009	N/a	Terminates
Distrigas of Massachusetts Corp.	FLS	FLS160	Liquid Refill	Up to 15 trucks	1,000,000 KeySpan Total	10/31/2010	-	Terminates
Virginia Power Energy Marketing			Supply	8,000	1,208,000	10/31/2009	N/a	Terminates
Eastern Propane Gas			Propane Supply	Monthly Take Quantity	TBD	TBD	N/a	Terminates
Dominion Transmission Incorporated	GSS	300076	Storage	934	102,700	3/31/2011	3/31/2009	Mutually agreed upon
Honeoye Storage Corporation	SS-NY	-	Storage	1,957	246,240	4/1/1995	12 months notice	Evergreen Provision
National Fuel Gas Supply Corporation	FSS	O02358	Storage	6,098	670,800	3/31/2008	3/31/2010	Evergreen Provision
National Fuel Gas Supply Corporation	FSST	N02358	Transportation	6,098	670,800	3/31/2008	3/31/2010	Evergreen Provision
Iroquois Gas Transmission System	RTS-1	47001	Transportation	4,047	1,477,155	10/31/2011	10/31/2010	Evergreen Provision
Portland Natural Gas Transmission System	FT 1999-01	1999-001	Transportation	1,000	365,000	10/31/2019	10/31/2018	Evergreen Provision
Tennessee Gas Pipeline Company	FS-MA	523	Storage	21,844	1,560,391	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	8587	Transportation	25,407	9,273,555	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	2302	Transportation	3,122	1,139,530	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	632	Transportation	15,265	5,571,725	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	11234	Transportation	9,039	3,299,235	10/31/2010	10/31/2009	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	33371	Transportation	4,000	1,460,000	10/31/2011	10/31/2010	Evergreen Provision
Tennessee Gas Pipeline Company	FTA	42076	Transportation	20,000	7,300,000	10/31/2010	10/31/2009	Evergreen Provision
TransCanada Pipeline	FT		Transportation	4,047	1,477,155	10/31/2016	4/30/2016	Evergreen Provision
Union Gas Limited	M12	M12100	Transportation	4,092	1,493,580	10/31/2017	10/31/2015	Evergreen Provision

^{*} MAQ is calculated on a 365 day calendar year.

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 Storage Inventory

6 Underground Storage Gas

rground Storage Gas		Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Total
Beginning Balance (MMBtu)		(Actual) 2,297,475	(Actual) 2,355,540	(Actual) 2,281,603	(Estimate) 1,887,414	(Estimate) 1,671,151	(Estimate) 1,359,058	(Estimate) 1,493,118	(Estimate) 1,627,177	(Estimate) 1,761,237	(Estimate) 1,895,296	(Estimate) 2,029,356	(Estimate) 2,163,415	2,297,475
Injections (MMBtu)	ch 11A ln 37 /10	123,455	55,956	27,501	23,601	-	134,060	134,060	134,060	134,060	134,060	134,060	134,060	1,168,930
Subtotal		2,420,930	2,411,496	2,309,104	1,911,015	1,671,151	1,493,118	1,627,177	1,761,237	1,895,296	2,029,356	2,163,415	2,297,475	
Withdrawals (MMBtu) So	ch 11A ln 27 /10	(65,390)	(129,893)	(421,690)	(239,864)	(312,093)	-	-	-	-	-	-	-	(1,168,930)
Ending Balance (MMBTu)		2,355,540	2,281,603	1,887,414	1,671,151	1,359,058	1,493,118	1,627,177	1,761,237	1,895,296	2,029,356	2,163,415	2,297,475	2,297,475
Beginning Balance		\$ 19,612,666 \$	19,903,245 \$	19,225,990 \$	15,864,983	\$ 13,976,171	\$ 11,366,078	\$ 12,030,605 \$	12,653,392	\$ 13,294,577	\$ 13,955,694	\$ 14,628,739	\$ 15,307,629 \$	19,612,666
Injections In	11 * In 32	843,095	417,292	183,581	117,219	-	664,527	622,787	641,185	661,118	673,045	678,890	693,633	6,196,370
Subtotal		\$ 20,455,761 \$	20,320,537 \$	19,409,570 \$	15,982,202	\$ 13,976,171	\$ 12,030,605	\$ 12,653,392 \$	13,294,577	\$ 13,955,694	\$ 14,628,739	\$ 15,307,629	\$ 16,001,262	
Withdrawals In	15 * In 30	\$ (552,516) \$	(1,094,547) \$	(3,544,588) \$	(2,006,031)	\$ (2,610,093)	\$ -	\$ - \$	-	\$ - 9	\$ -	\$ -	\$ -	(9,807,774)
Ending Balance		\$ 19,903,245 \$	19,225,990 \$	15,864,983 \$	13,976,171	\$ 11,366,078	\$ 12,030,605	\$ 12,653,392 \$	13,294,577	\$ 13,955,694	\$ 14,628,739	\$ 15,307,629	\$ 16,001,262 \$	16,001,262
Average Rate For Withdrawals	In 18 /ln 9	\$8.4495	\$8.4265	\$8.4057	\$8.3632	\$8.3632	\$8.0574	\$8.0574	\$7.7763	\$7.5484	\$7.3633	\$7.2086	\$7.0757	
	Actual or NYMEX plus TGP Transportation	\$6.8292	\$7.4575	\$6.7891	\$4.9944	\$4.9339	\$4.9570	\$4.6456	\$4.7828	\$4.9315	\$5.0205	\$5.0641	\$5.1741	
For Informational Purposes Summer Hedge Contracts - Vol Average Hedge Price NYMEX Hedged Volumes at Hedged Pri								May-09 57,700 \$8.7373 \$4.1998	Jun-09 57,700 \$8.7373 \$4.3281	Jul-09 57,700 \$8.7373 \$4.4672 \$ 504.140	Aug-09 57,700 \$8.7373 \$4.5504	Sep-09 57,700 \$8.7373 \$4.5912 \$ 504.140	Oct-09 57,700 \$8.7373 \$4.6941 \$ 504,140 \$	Total 346,200 3,024,840
Less Hedged Volumes at NYME Hedge (Savings)/Loss								242,328 \$ 261,812 \$	249,734	257,758 \$ 246,382	262,560	264,913	270,848 \$ 233,292 \$	1,548,140 1,476,700

1 ENERGY NORTH NATURAL GAS, INC.

2 d/b/a National Grid NH 3 Off Peak 2009 Summer Cost of Gas Filing

4 Storage Inventory 5

4 50	orage inventory																
5																	
4																	
5 Lic	quid Propane Gas (LPG)																
16				Nov-08	Dec-08	Jan-09		Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Oct-09	Total
17				(Actual)	(Actual)	(Actual)		(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	
8	Beginning Balance			136,006	135,056	135,9		138,131	123,131	123,131	123,131	123,131	123,131	123,131	127,024	146,943	136,006
9	gg			,	,	,		,	,	,	,	,	,	,	,		,
0	Injections	Sch 11A ln 36 /10		_	3,464	36,3	371	_	_	_	_	_	_	3,893	19,919	5,070	68,717
1	,				-,	,-								-,	,	-,	,
2	Subtotal			136,006	138,520	172,2	290	138,131	123,131	123,131	123,131	123,131	123,131	127.024	146.943	152.013	
3				,	,-	,					-, -		-, -	,-	-,-		
4	Withdrawals	Sch 11A ln 31 /10		(1,111)	(2,316)	(33,	366)	(15,000)	_	_	_	_	_	_	_	_	(51,793)
5				(.,)	(=,= : =)	(,-	,	(,)									(,)
6	Adjustment for change i	n temperature		161	(285)	(793)				_			-	_		(917)
5	.,	,			(/	,	,										(- /
6	Ending Balance			135.056	135.919	138.1	131	123.131	123,131	123.131	123.131	123,131	123,131	127.024	146.943	152.013	152,013
7															•	•	
8																	
9	Beginning Balance		\$	2,064,042 \$	2,049,630 \$	2,068,3	358 \$	2,212,038 \$	1,971,827	1,971,827	1,971,827	1,971,827	1,971,827	1,971,827	2,001,649	2,156,418	2,064,042
0																	
1	Injections	In 50 * In 71		-	58,308	674,9	955	-	-	-	-	-	-	29,822	154,769	39,953	957,808
2	•																
3	Subtotal		\$	2,064,042 \$	2,107,938 \$	2,743,3	313 \$	2,212,038 \$	1,971,827	1,971,827	\$ 1,971,827	\$ 1,971,827	\$ 1,971,827 \$	2,001,649	\$ 2,156,418	\$ 2,196,372	
4																	
5	Withdrawals	In 49 * In 70		(14,412)	(39,580)	(531,2	275)	(240,211)	-	-	-	-	-	-	-	-	(825,477)
6																	
7	Ending Balance		\$	2,049,630 \$	2,068,358 \$	2,212,0	38 \$	1,971,827 \$	1,971,827	1,971,827	\$ 1,971,827	\$ 1,971,827	\$ 1,971,827 \$	2,001,649	\$ 2,156,418	\$ 2,196,372 \$	2,196,372
8																	
9	Average Rate For Witho	frawals		\$15.1761	\$15.2176	\$15.92	226	\$16.0141	\$16.0141	\$16.0141	\$16.0141	\$16.0141	\$16.0141	\$15.7580	\$14.6752	\$14.4486	
)	-																
		Actual or Sch. 6, In 144															
1	Propane Rate for Injecti	ons * 10			\$16.8325	\$20.42	200	\$20.2000	\$19.9200	\$19.4000	\$7.4000	\$7.4900	\$7.5600	\$7.6600	\$7.7700	\$7.8800	
_			-	_		_	_				_						

2 d/b/a National Grid NH

3 Off Peak 2009 Summer Cost of Gas Filing

4 Storage Inventory

5															
76 77 78	Liquid Natural Gas (LNG)		Nov-08 (Actual)	Dec-08 (Actual)	Jan-09 (Actual)	Feb-09 (Estimate)	Mar-09 (Estimate)	Apr-09 (Estimate)	May-09 (Estimate)	Jun-09 (Estimate)	Jul-09 (Estimate)	Aug-09 (Estimate)	Sep-09 (Estimate)	Oct-09 (Estimate)	Total
79 80	Beginning Balance		10,936		10,435	11,342	12,783	13,504	10,982	10,982	10,982	10,982	10,982	10,982	10,936
81 82	Injections	Sch 11A ln 35 /10	-	6,064	43,318	30,264	22,518	-	8,601	2,626	2,626	2,626	2,626	2,626	123,893
83 84	Subtotal		10,936	15,088	53,753	41,606	35,301	13,504	19,583	13,607	13,607	13,607	13,607	13,607	
85 86	Withdrawals	Sch 11A In 30 /10	(1,912	(4,653)	(42,411)	(28,822)	(21,797)	(2,522)	(8,601)	(2,626)	(2,626)	(2,626)	(2,626)		(121,221)
87	Ending Balance		9,024	10,435	11,342	12,783	13,504	10,982	10,982	10,982	10,982	10,982	10,982	13,607	13,607
88 89															
90 91	Beginning Balance		\$ 101,606	\$ 80,468	102,318 \$	103,635 \$	73,461 \$	66,174	\$ 53,815	50,436	49,875	49,717	49,766	49,892	101,606
92 93	Injections	In 81 * In 102	1,887	60,207	314,308	135,460	99,527	-	36,124	11,364	11,729	11,948	12,055	12,325	706,934
94 95	Subtotal		\$ 103,493	\$ 140,675	416,625 \$	239,095 \$	172,988 \$	66,174	\$ 89,939 \$	61,800	61,604 \$	61,665 \$	61,821	62,217	
96 97	Withdrawals	In 85 * In 100	(23,025	(38,358)	(312,990)	(165,634)	(106,814)	(12,359)	(39,503)	(11,925)	(11,887)	(11,899)	(11,929)	-	(746,322)
98	Ending Balance		\$ 80,468	\$ 102,318	103,635 \$	73,461 \$	66,174 \$	53,815	50,436 \$	49,875	49,717 \$	49,766 \$	49,892	62,217 \$	62,217
99 100 101	Average Rate For Withdra	awals	\$9.4635	\$9.3237	\$7.7507	\$5.7467	\$4.9004	\$4.9004	\$4.5927	\$4.5416	\$4.5273	\$4.5317	\$4.5432	\$4.5723	
102	LNG Rate for Injections	Actual or Sch. 6, In 143 * 10	\$7.4690	\$9.9286	\$7.2558	\$4.4760	\$4.4200	\$4.4910	\$4.1998	\$4.3281	\$4.4672	\$4.5504	\$4.5912	\$4.6941	

nationalgrid

January 30, 2009

Debra A. Howland Executive Director and Secretary New Hampshire Public Utilities Commission 21 South Fruit Street, Suite 10 Concord, New Hampshire 03301-2429

Re: DG 07-129

EnergyNorth Natural Gas, Inc d/b/a National Grid NH 2008 Summer Period Cost of Gas Reconciliation

REDACTED

Dear Ms. Howland:

Attached is the redacted version of the 2008 Summer Period Cost of Gas reconciliation filing for EnergyNorth Natural Gas, Inc d/b/a National Grid NH ("the Company"). This filing is being submitted under protective order and confidential treatment granted by the Commission in Order No. 24,849 dated April 23, 2008 in Docket DG 07-129. This report has been filed electronically with the New Hampshire Public Utilities Commission in accordance with Order Number 24,223 issued on October 24, 2003, in which the Commission found that the filing requirement would be satisfied by filing one electronic copy and one paper copy with the Commission. The Company has also filed separately a confidential version with the Commission via an overnight parcel service.

This reconciliation compares the actual deferred gas costs to the projections submitted in the Company's 2008 Summer Period Cost of Gas Filing to the Commission on March 14, 2008. The filing shows an under recovery for the 2008 Summer Period of \$(1,969,485). The 2008 Summer Period under recovery is summarized as follows:

Summer Period Beginning Balance	\$135,609
Prior Period Adjustment and Interest	\$12,848
Less: Cost of Gas Revenue Billed	(\$26,364,916)
Add: Cost of Gas Allowable	\$24,246,973
Summer Period Ending Balance	\$(1,969,485)

The attached filing consists of a four-page summary and nine supporting schedules. Page 1 of the Summary compares the actual deferred gas costs to the projections submitted in the Company's filing including the beginning balance, interest, gas costs and gas cost revenue. The result is a net over recovery of \$ (1,969,485). Page 2 of the Summary compares the actual demand charges of \$3,143,296 to the \$3,126,339 in demand charges estimated in the filing, resulting in an increase in demand costs of \$16,957. Page 3 shows a similar comparison for commodity costs. The actual commodity costs were \$21,034,257 compared to the \$25,682,451 in the filing. The \$4,648,194 decrease in commodity costs was caused mainly by lower sendout volumes and lower commodity prices than originally forecast. The results show that the total actual gas costs, demand and commodity, were \$4,631,237 lower than forecasted in the filing. Page 4 of the Summary provides a variance analysis that explains how much of the difference between actual costs and forecasted costs is due to weather (\$661,399), changes in demand resulting from lower sendout (\$4,307,501) and changes in gas prices \$1,143,581. Page 4 also provides the net total of (\$805,919) for the capacity managed credit, supplier cashouts and other costs.

The attached Schedule 1 provides a monthly summary of the deferred gas cost account balances including beginning balances, actual gas cost allowable, gas cost revenue billed, and interest applied. The fourth and fifth page of Schedule 1 provides the same information for bad debt associated with the cost of gas. Schedule 2 provides the details of gas cost by source. Schedule 3 provides the detailed calculation of summer gas cost revenue billed by rate class. Schedule 4 provides a monthly summary of the non-firm margin and capacity release credits to the summer cost of gas account. Schedule 5 provides the monthly summary of the deferred gas cost balances associated with gas working capital. It shows the monthly beginning account balances, working capital allowable, the working capital revenue billed and the interest applied to derive the monthly ending balances. Schedule 6 shows the bad debt and working capital calculation that determines the amount of expense booked for those items. Schedule 7 provides the backup calculations for the revenue billed to recover working capital and bad debt by rate class. Schedule 8 provides a summary of the commodity costs and the related volumes. Schedule 9 provides a summary of the monthly prime interest rates used to calculate the interest on the deferred balances.

Please contact me by phone at 781-907-1836, or by e-mail at <u>ann.leary@us.ngrid.com</u>, if you have any further questions.

Yours truly,

Clnn E Leary / JMD Ann E. Leary

Manager, Pricing - New England

Enclosures

Cc: Meredith A Hatfield, Esq.

Steven V. Camerino, Esq. Thomas P. O'Neill, Esq.

May 01, 2008 through October 31, 2008

Account 175.40		Filing 1/	<u>Actual</u>	<u>I</u>	<u>Difference</u>
Balance 10/31/07 - (Over) / Under		\$ 135,609	\$ 135,609	\$	0
Prior Period Adjustment Interest 11/1/07 - 4/30/08 Beginning Balance 5/1/08		\$ 12,976 148,585	\$ 12,848 148,457	\$	(128)
Interest 5/1/08 - 10/31/08		48,895	41,558		(7,337)
Prior Period Adjustments		-	-		-
Interruptible Margin		-	-		-
280-Day Margin		-	-		-
Emergency Sales Margin		-	-		-
Non-Firm Transportation Margin		-	-		-
Other Transportation Related Margins		-	-		-
Capacity Release and Fixed Price Credits		-	-		-
Price Risk Management and FPO Admin Costs		-	-		-
Overhead		27,862	27,862		-
Other Adjustments		_	-		-
Total Adjustment to Costs		_	-		-
Gas Costs		\$ 28,808,790	\$ 24,177,553	\$	(4,631,237)
Total Costs		\$ 28,885,547	\$ 24,246,973	\$	(4,638,574)
Gas Cost Billed		\$ (29,034,132)	\$ (26,364,916)	\$	2,669,216
Total (Over) / Under 10/31/08		\$ _	\$ (1,969,485)	\$	(1,969,485)
Bad Debts Account 175.54					
Balance 10/31/07 - (Over) / Under Prior Period Adjustment Interest 11/1/07 - 4/30/08	2/	\$ (28,434) - (708)	\$ (28,434) (112,556) (4,000)	\$	(0) (112,556) (3,292)
Beginning Balance 5/1/08		\$ (29,142)	\$ (144,990)	\$	(115,848)
Bad Debt Costs		750,768	428,209		(322,559)
Bad Debt Billed		(722,281)	(406,715)		315,566
Interest		655	(2,321)		(2,976)
Total (Over) / Under 10/31/08 Working Capital Account 142.40		\$ -	\$ (125,817)	\$	(125,817)
Balance 10/31/07 - (Over) / Under Prior Period Adjustment	2/	\$ (10,216)	\$ (10,216) (62,648)	\$	(0) (62,648)
Interest 11/1/07 - 4/30/08 Beginning Balance 5/1/08		\$ (251) (10,467)	\$ (2,088) (74,953)	\$	(1,837) (64,486)
Working Capital Costs		278,581	155,945		(122,636)
Working Capital Billed		(268,372)	(147,702)		120,670
Interest		258	(1,398)		(1,656)
Total (Over) / Under 10/31/08		\$ -	\$ (68,107)	\$	(68,107)
Total 175.40, 175.54, 142.40	_	\$ 	\$ (2,163,410)	\$	(2,163,410)

 $^{1/\,\,}$ As filed March 14, 2008 in the Summer 2008 Cost of Gas DG 07-129.

On April 23, 2008 the NHPUC approved the March 14, 2008 filing in DG 07-129 in its Order No. 24,849.

^{2/} Per the approved Settlement in Order 24,858 issued May 23, 2008 in Docket No. DG07-050, the Bad Debt and Working Capital percentages were revised effective Nov 1, 2006 and May 1, 2007, respectively.

SUMMARY OF DEMAND CHARGES FOR PERIOD

May 01, 2008 through October 31, 2008

	Reference Actuals	Filing 1/		<u>Actual</u>	<u>D</u>	<u>ifference</u>
Supplies:						
ANE	Sch 2B line 3					
BP/Northeast Gas Market	Sch 2B line 4	ф.	210.207	 225.001		24.704
Subtotal Supply Demand Charges		\$	210,287	\$ 235,081	\$	24,794
Pipelines:						
IGTS Iroquois	Sch 2B line 11	\$	160,191	\$ 145,945	\$	(14,246)
TGP Short Haul 2302 Z5-Z6	Sch 2B line 15		92,349	84,007		(8,342)
TGP Contract 8587 Zone 0-6	Sch 2B lines 16 + 48		2,158,540	1,972,083		(186,457)
TGP 33371 NET284	Sch 2B line 18		254,640	231,956		(22,684)
TGP 42076 Dracut	Sch 2B lines 19 + 45		379,200	343,975		(35,225)
Portland Natual Gas Pipeline	Sch 2B line 13 + 49		155,125	126,490		(28,635)
Subtotal Pipeline Demand Charges		\$	3,200,045	\$ 2,904,457	\$	(295,588)
LNG: Domac			<u>\$0</u>	<u>\$0</u>		<u>\$0</u>
			<u>\$0</u>	<u>\$0</u>		<u>\$0</u>
Propane						
EN Propane	Sch 2B line 35		<u>\$0</u>	<u>\$8</u>		<u>\$8</u>
Storage:						
Demand & Capacity Charges			<u>\$0</u>	<u>\$0</u>		<u>\$0</u>
<u>Other</u>						
Fees	Sch 2B line 37		\$0	\$ 3,750	\$	3,750
Transporation Capacity Credit		\$	(283,993)	\$ -	\$	283,993
		<u>\$</u>	(283,993)	\$ 3,750	\$	287,743
Total Demand Chrages (Forward to Page	ge 3)	\$	3,126,339	\$ 3,143,296		\$16,957

^{1/} Demand costs per Schedule 5A as filed in the Summer 2008 Cost of Gas DG 07-129 on March 14, 2008.

This page is filed under protective Order No. 24,849 dated April 23, 2008 in DG 07-129

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SUMMARY OF COMMODITY COSTS FOR PERIOD

May 01, 2008 through October 31, 2008

Demand Charges (Brought from Page 2): \$3,126,339 \$3,143,296 \$16,957

	Reference Actuals	Filing 1/	Average Cost per <u>Therm</u>	<u> </u>	<u>Actual</u>	Average Cost per <u>Therm</u>	<u>Difference</u>	
<u>TGP</u>								
Therms	Sch 8, lines 5 + 32							
Cost	Sch 8, lines 5 + 32							(0.0878)
PNGTS								
Therms	Sch 8, line 11							
Cost	Sch 8, line 11							0.2146
BP/NEXEN	a							
Therms	Sch 8, line 21							0.4204
Cost	Sch 8, line 21							0.1306
Spot Gas								
Therms								
Cost								
Cost								-
City Gate Delivered Sup	nlv							
Therms	Sch 8, line 8							
Cost	Sch 8, line 8							(0.3016)
Cost	Sen o, mie o							(0.5010)
Storage gas - commodity Therms	withdrawn							
Cost	Sch 8, line 31							0.8424
Cost	Sen o, me 31							0.0121
Propane								
Therms	Sch 8, line 28							
Cost	Sch 8, line 28							1.6580
LNG								
Therms	Sch 8, line 25							
Cost	Sch 8, line 25							(0.0509)
Hedging (Gains) Losses								
	Sch 8, line 14							
	enalty, Canadian Managed, Non	-Firm costs						
Cost	Sch 8, line 43							
C1-41-								
Subtotal:	ontion)	25 076 072			21,382,630		(4.502.442)	
Volumes (net of fuel ret	\$	25,976,072	0.9887	•		0.9837	\$ (4,593,442) \$ (4,648,194)	(0.0050)
Cost	<u> </u>	25,682,451	0.9887	Ф.	21,034,257	0.9837	\$ (4,648,194)	(0.0050)
Total Demand and Comm	odity Costs \$	28,808,790		\$	24,177,553		\$ (4,631,237)	
Check		20,000,770		\$	24,177,553		Ψ (1,031,237)	
CHECK				φ	24,177,333			
Demand (therms):								
Firm Gas Sales		25,060,135			21,193,123		(3,867,012)	
Lost Gas (Unaccounted Fo	or)	693,170			826,195		133,025	
Unbilled Therms	···,	159,934			(737,216)		(897,150)	
Fuel Retention		139,934			(737,210)		(677,130)	
Company Use		62,832			100,528		37,696	
	_							
Total Demand		25,976,071			21,382,630		(4,593,441)	

1/ Commodity costs and forecasted volumes per Schedule 6 as filed in the Summer 2008 Cost of Gas DG 07-129 on March 14, 2008.

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May 01, 2008 through October 31, 2008

	(A) Actual	(B) Normal	(C) Forecast		(A-B)*C
Weather Variance - Volume Impact	Volume	Volume	Rate (a)		<u>Difference</u>
TGP Spot Purchases PNGTS BP/Nexen Domac Storage gas - commodity withdrawn Propane					
LNG Total Volume Weather Varaince	21 282 620	22 000 520		\$	(661,399)
Demand Variance - Commodity Costs	21,382,630 (A) Forecast Volume	22,009,529 (B) Actual Volume	(C) Forecast <u>Rate (a)</u>	Ψ	<u>Difference</u>
TGP Spot Purchases PNGTS BP/NEXEN City Gate Delivered Supply Storage gas - commodity withdrawn Propane LNG					
Total Demand Variance (Less: Fuel Retention)	25,976,072	21,382,630		\$	(4,968,899)
Demand Variance Net of Weather Variance	-			\$	(4,307,501)
Rate Variance - Commodity Costs TGP	(A) Actual <u>Volume</u>	(B) Forecast Rate (a)	(C) Actual <u>Rate</u>		(C-B)*A <u>Difference</u>
Spot Purchases PNGTS BP/NEXEN City Gate Delivered Supply Storage gas - commodity withdrawn Propane LNG	21 292 630			\$	567.747
Total Commodity Cost Rate Variance	21,382,630			Э	567,747
Other Rate Variance (from page 2) Hedge (Gains)/Loss (from page 3)					16,957 558,877
Total Rate Variance					\$1,143,581
Due to Weather Variance					(661,399)
Due to Demand Variance (from above)					(4,307,501)
Other- Cashout, Broker Penalty, Canadian Manage	d				(805,919)
Total Gas Cost Variance					(\$4,631,237)

(a) used actual rate if there was no forecasted rate

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ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND

MAY THROUGH OCTOBER 2008 PEAK DEMAND AND COMMODITY

SCHEDULE 1

ACCOUNT 175.20

FOR THE MONTH OF:	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Total
DAYS IN MONTH	31	30	31	31	30	31	30	
1 BEGINNING BALANCE	\$ 7,915,782	\$ 3,174,888	\$ 2,801,988	\$ 2,872,491	\$ 3,116,450	\$ 3,321,472	\$ 3,602,538	\$ 7,915,782
3 Add: ACTUAL COSTS 4	291,246	238,024	263,100	264,534	272,601	279,559	-	1,609,063
5 Add: FUEL FINANCING COSTS 6	57,434	54,766	46,385	50,211	51,820	53,121		313,736
7 Add: MISCELLANEOUS OVERHEADS 8								-
9 Less: GAS COST BILLED 10	(5,032,461)	-	-	-	-	-	-	(5,032,461)
11 Less: BROKER'S REVENUES 12	(44,165)	(621,305)	(112,422)	(529)	(54,347)	(33,007)	-	(865,776)
13 Less: REFUND 14		-						-
15 NON FIRM MARGIN AND CREDITS 16	(36,446)	(56,640)	(138,583)	(82,946)	(78,253)	(31,988)	-	(424,856)
17 ENDING BALANCE PRE INTEREST 18	3,151,389	2,789,732	2,860,468	3,103,761	3,308,271	3,589,156	3,602,538	3,515,488
19 MONTH'S AVERAGE BALANCE 20	5,533,585	2,982,310	2,831,228	2,988,126	3,212,360	3,455,314	3,602,538	
21 INTEREST RATE 22	5.00%	5.00%	5.00%			4.56%	-	
23 INTEREST APPLIED 24	23,499	12,256	12,023	12,689	13,201	13,382	-	87,050
25 ENDING BALANCE	\$ 3,174,888	\$ 2,801,988	\$ 2,872,491	\$ 3,116,450	\$ 3,321,472	\$ 3,602,538	\$ 3,602,538	\$ 3,602,538

ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 OFF PEAK DEMAND AND COMMODITY SCHEDULE 1 ACCOUNT 175.40

F	FOR THE MONTH OF:]	May-08	Jun-08		Jul-08		Aug-08		Sep-08		Oct-08	Nov-08		Total
I	DAYS IN MONTH		31	30		31		31		30		31	30		
1 E	BEGINNING BALANCE	\$	148,457	\$ 2,128,420	\$	1,659,179	\$	1,997,680	\$	1,607,212	\$	1,148,607	\$ 2,954,698	\$	148,457
2															
3 A	Add: ACTUAL COSTS		4,687,798	3,966,244		3,798,120		2,884,543		2,882,810		5,958,040	-		24,177,553
4															
	Add: MISCELLANEOUS OVERHEADS		4,644	4,644		4,644		4,644		4,644		4,644	-		27,862
6															
7	CAR COST DILLED		(0.717.202)	(4.447.006)		(2.472.011)		(2.207.202)		(2.251.700)		(4.164.500)	(4.02.4.102)		(26.264.016)
8 L	Less: GAS COST BILLED		(2,717,303)	(4,447,896)		(3,472,011)		(3,287,292)		(3,351,709)		(4,164,522)	(4,924,183)		(26,364,916)
10 A	Add: ADJUSTMENTS					_									
	Add. ADJUSTMENTS	-	<u>-</u>	 	-				-				 	_	
11						4 000 000	_			4 4 4 6 8 5	_	• • • • • • • •	(1 0 CO 10 E		(2.044.040)
	ENDING BALANCE PRE INTEREST	\$	2,123,596	\$ 1,651,412	\$	1,989,932	\$	1,599,574	\$	1,142,956	\$	2,946,768	\$ (1,969,485)	\$	(2,011,043)
13	MONTHIC AMEDIACE DALANCE		1 126 027	1 000 016		1 924 555		1 709 627		1 275 004		2.047.697	402.606		
14 N	MONTH'S AVERAGE BALANCE		1,136,027	1,889,916		1,824,555		1,798,627		1,375,084		2,047,687	492,606		
	NTEREST RATE		5.00%	5.00%		5.00%		5.00%		5.00%		4.56%			
17	NIERESI RAIE		3.00%	3.00%		3.00%		3.00%		3.00%		4.30%	-		
	NTEREST APPLIED		4,824	7,767		7,748		7,638		5,651		7,930			41,558
19	THE THE PROPERTY OF THE PROPER		4,024	7,707		7,740		7,030		3,031		1,730			41,550
	ENDING BALANCE	\$	2,128,420	\$ 1,659,179	\$	1,997,680	\$	1,607,212	\$	1,148,607	\$	2,954,698	\$ (1,969,485)	\$	(1,969,485)

ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 PEAK PERIOD BAD DEBT SHEDULE 1 ACCOUNT 175.52

	FOR THE MONTH OF:	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Total
	DAYS IN MONTH	31	30	31	31	30	31	30	
1	BEGINNING BALANCE	\$ (1,289,664)	\$ (1,411,138) \$ (1,413,736)	\$ (1,417,542)	\$ (1,420,357)	\$ (1,422,764)	\$ (1,423,906)	\$ (1,289,664)
2									
3	Add: COST ALLOW	4,488	3,195	2,193	3,198	3,423	4,360	-	20,857
4									
5	Less: BAD DEBT BILLED	(120,240)		<u>-</u>					(120,240)
6									
7	ENDING BALANCE PRE INTEREST	\$ (1,405,416)	(1,407,943) \$ (1,411,543)	\$ (1,414,344)	\$ (1,416,934)	\$ (1,418,404)	\$ (1,423,906)	\$ (1,389,047)
8									
9	MONTH'S AVERAGE BALANCE	(1,347,540)	(1,409,541	(1,412,640)	(1,415,943)	(1,418,646)	(1,420,584)	(1,423,906)	
10									
11	INTEREST RATE	5.00%	5.00%	5.00%	5.00%	5.00%	4.56%	-	
12									
13	INTEREST APPLIED	(5,722)	(5,793	(5,999)	(6,013)	(5,830)	(5,502)		\$ (34,859)
14									
15	ENDING BALANCE	\$ (1,411,138)) \$ (1,413,736) \$ (1,417,542)	\$ (1,420,357)	\$ (1,422,764)	\$ (1,423,906)	\$ (1,423,906)	\$ (1,423,906)

ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 OFF PEAK BAD DEBT SCHEDULE 1 ACCOUNT 175.54

FOR THE MONTH OF:	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Total
DAYS IN MONTH	31	30	31	31	30	31		
1 BEGINNING BALANCE	\$ (144,990)	\$ (107,632)	\$ (107,046)	\$ (88,239)	\$ (81,757)	\$ (80,002)	\$ (44,065)	\$ (144,990)
2								
3 Add: COST ALLOW	82,961	70,252	67,291	51,201	51,170	105,334	-	428,209
4								
5 Less: BAD DEBT BILLED	(45,068)	(69,227)	(48,070)	(44,359)	(49,083)	(69,156)	(81,752)	(406,715)
6								
7 ENDING BALANCE PRE INTEREST	\$ (107,097)	\$ (106,606)	\$ (87,825)	\$ (81,397)	\$ (79,670)	\$ (43,825)	\$ (125,817)	\$ (123,496)
8								
9 MONTH'S AVERAGE BALANCE	(126,044)	(107,119)	(97,436)	(84,818)	(80,714)	(61,913)	(84,941))
10								
11 INTEREST RATE	5.00%	5.00%	5.00%	5.00%	5.00%	4.56%	-	
12								
13 INTEREST APPLIED	(535)	(440)	(414)	(360)	(332)	(240)		\$ (2,321)
14								
15 ENDING BALANCE	\$ (107,632)	\$ (107,046)	\$ (88,239)	\$ (81,757)	\$ (80,002)	\$ (44,065)	\$ (125,817)	(125,817)

ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 GAS COSTS BY SOURCE SCHEDULE 2 A

FOR THE MONTH OF:	N	May-08		Jun-08		Jul-08		Aug-08		Sep-08		Oct-08		Total
DEMAND														
ALBERTA NORTHEAST														
BP/NORTHEAST GAS MARKETS														
CANADIAN CAPACITY MANAGED TOTAL CANADIAN	\$	33,795	\$	42,007	\$	36,160	\$	34,615	¢	32,275	•	27,527	¢	206,380
TOTAL CANADIAN	э	33,193	Ф	42,007	Ф	30,100	Ф	34,013	Ф	32,273	Ф	21,321	Ф	200,360
PEAKING SUPPLY														
TRANSPORT CAPACITY	\$	637,443	\$	544,601	\$	572,257	\$	549,260	\$	603,755	\$	557,543	\$	3,464,860
CAPACITY RELEASE ADJ		36,329	_	54,493	_	84,371	_	81,472	_	69,336	_	30,838	_	356,839
TOTAL TRANSPORT	\$	673,772	\$	599,094	\$	656,628	\$	630,732	\$	673,091	\$	588,382	\$	3,821,699
STORAGE FIXED COSTS	\$	100,277	\$	100,168	\$	100,082	\$	100,224	\$	104,377	\$	95,395	\$	600,523
LNG	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
PROPANE	\$	-	\$	-	\$	4	\$	4	\$	(4)	\$	4	\$	8
OTHER	\$	500	\$	500	\$	750	\$	500	\$	500	\$	1,000	\$	3,750
	Ť													
TOTAL DEMAND	\$	828,344	\$	761,769	\$	813,624	\$	786,076	\$	830,239	\$	732,307	\$	4,752,359
COMMODITY														
BP/NORTHEAST GAS MARKETS														
DTE ENERGY														
SEMPRA TOTAL CANADIAN COMMODITY	\$	2,592,616	\$	2,550,023	\$	3,007,712	\$	2,102,415	\$	1,836,018	s	1,814,679	\$	13,903,462
	Ψ	2,072,010	Ψ	2,000,020	Ψ.	3,007,712	Ψ	2,102,110	Ψ	1,030,010	Ψ	1,011,077	Ψ	10,5 00,102
PIPELINE TRANSPORT	\$	99,614	\$	58,514	\$	45,628	\$	(24,092)	\$	(28,999)	\$	3,455	\$	154,120
GAS SUPPLY	\$	3,449,527	\$	2,600,803	\$	3,644,731	\$	1,876,193	\$	2,166,340	\$	5,084,659	\$	18,822,254
STORAGE	\$	(1,860,487)	\$	(1,640,544)	\$	(1,884,221)	\$	(1,377,935)	\$	(1,160,008)	\$	(1,025,865)	\$	(8,949,060
LNG	\$	17,469	\$	21,576	\$	20,250	\$	18,661	\$	15,575	\$	11,700	\$	105,231
PROPANE	\$	(2,072)	\$	(5,737)	\$	9,307	\$	4,137	\$	6,945	\$	5,027	\$	17,608
TAXES	\$	-	\$	-	\$	-	\$	-	\$	-	\$	2,496	\$	2,496
SUPPLIER CASHOUT	\$	103,340	\$	111,883	\$	42,330	\$	48,534	\$	23,609	\$	28,306	\$	358,001
CANADIAN CAPACITY MANAGED	\$	(223,354)	\$	(162,127)	\$	(233,787)	\$	(143,802)	\$	(212,420)	\$	(167,650)	\$	(1,143,139
BROKER INVENTORY	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
BROKER IMBALANCE	\$	(4,657)	\$	2,673	\$	(580)	\$	(60)	\$	(88)	\$	(144)	\$	(2,854
SUBTOTAL COMMODITY COST	\$	4,171,996	\$	3,537,066	\$	4,651,369	\$	2,504,052	\$	2,646,973	\$	5,756,662	\$	23,268,118
OFF SYSTEM SALES	\$	(21,297)	\$	(94,568)	\$	(1,383,351)	\$	(141,051)	\$	(321,802)	\$	(251,370)	\$	(2,213,439
NON-FIRM COST	\$	-	\$	-	\$	(20,422)	\$	-	\$	-	\$	-	\$	(20,422
	\$	4,150,699	\$	3,442,498	\$	3,247,596	\$	2,363,001	\$	2,325,171	\$	5,505,291	\$	21,034,257

GAS COSTS SUMMARY SCHEDULE 2 A

56 FOR THE MONTH OF:	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total
57							
58 Total Peak Demand	\$ 291,246	\$ 238,024	\$ 263,100	\$ 264,534	\$ 272,601	\$ 279,559	\$ 1,609,063
59 Off-Peak Demand	537,099	523,745	550,524	521,542	557,638	452,748	3,143,296
60 Total Demand	\$ 828,344	\$ 761,769	\$ 813,624	\$ 786,076	\$ 830,239	\$ 732,307	\$ 4,752,359
61							
62 Total Peak Commodity	\$ -						
63 Off-Peak Commodity	4,150,699	3,442,498	3,247,596	2,363,001	2,325,171	5,505,291	21,034,257
64 Total Commodity	\$ 4,150,699	\$ 3,442,498	\$ 3,247,596	\$ 2,363,001	\$ 2,325,171	\$ 5,505,291	\$ 21,034,257
65							
66 Firm Sendout Costs	\$ 4,979,044	\$ 4,204,267	\$ 4,061,220	\$ 3,149,077	\$ 3,155,410	\$ 6,237,598	\$ 25,786,617

This page is filed under protective Order No. 24,849 dated April 23, 2008 in DG 07-129 $\,$

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ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 DETAIL GAS COSTS BY SOURCE SCHEDULE 2 B

FOR THE MONTH OF:			May-08		Jun-08	Jul-08		Aug-08		Sep-08		Oct-08	Total Off Peak		Total Peak		Total
1 DEMAND																	
2 Fixed Charges/Supply 3 ANE	OP																
4 BP/Northeast Gas Market	OP																
5 Total Canadian Purchase		S	38,174.03	\$	46,682.15	\$ 41,853.	10 \$	39,250.97	\$	36,900.10	\$	32,220.91	\$ 235,081	\$		\$	235,081
6	-	-	,	*	,	,		,	-	,	-	,				Ť	
7 PEAKING SUPPLY																	
8 Granite Ridge	PK	\$	20,000.00	\$	20,000.00	\$ 20,000.	00 \$	20,000.00	\$	20,000.00	\$	20,000.00	\$ -	\$	120,000	\$	120,000
9																	
10 Transport Capacity 11 IROQUOIS 470-01 RTS	OP		24,356.48	\$	24,356.38	24,379.	25 6	24,344.40	s	24 277 42	\$	24 221 14	\$ 145.045			\$	145,945
12 NFGS NO2358 FST	PK	3	18,900.0	\$	18,846.25	24,379 18,842		18,873.1	\$	24,277.42 18,816.00	Ф	24,231.14 18,789.1	\$ 145,945	, 3	113,067	Э	113,067
13 PNGTS FT-1999-001	OP		25,430,93		22.022.98	15,660.		19.818.23		19,818.23		21.664.53	124,415		113,007		124,415
14 TGP 632 FTA Zone 4-6	PK		82,783.95		55,463.75	60,728.		65,439.91		72,566.81		79,738.00	124,415		416,721		416,721
15 TGP 2302 FTA Zone 5-6	OP		14,025.85		14,025.85	14,001.		14,025.85		15,391.46		12,536.99	84,007		0		84,007
16 TGP 8587 FTA Zone 0-6	OP		328,301.81		295,519.85	318,700.		289,015.27		320,503.62		265,806.19	1,817,847		0		1,817,847
17 TGP 11234 FTA Zone 4-6	PK		47,282.14		33,904.44	30,554.	94	29,488.58		33,561.56		45,273.71	, ,		220,065		220,065
18 TGP 33371 NET-NE	OP		38,726.50		38,726.50	38,662.	84	38,715.89		42,440.00		34,684.09	231,956	;	0		231,956
19 TGP 42076 FTA	OP		57,635.24		41,735.24	50,726.	76	49,538.60		56,380.00		54,819.64	310,835	;	0		310,835
20													(0		0
21 SubTotal Transport Capacity	7	\$	637,442.93	\$	544,601.24	\$ 572,257.	37 \$	549,259.87	\$	603,755.10	\$	557,543.41	\$ 2,715,006	\$	749,854	\$	3,464,860
22																	
23																	
24 Storage Fixed				\$	2004.22	\$ 2.980.		200124	_	2074		2.052.50			17.882		47.004
 Dominion - Storage Demand TGP FSMA - Storage Demand 	PK PK			3	2,984.32 S 38,730.37	\$ 2,980.3 38,724.5		2,984.36 38,785.97	\$	2,976.43 53,987.83	\$	2,972.70 45,062.65	s -	\$	254,131	э	17,882 254,131
27 Nat'l Fuel - Storage Demand	PK PK				49,708.78	49,632.i		49,709.71		38,668.16		38,614.88			276,043		276,043
28 Honeoye - Storage Demand	PK				8,744.39	8,744		8,744.39		8,744.39		8,744.39			52,466		52,466
29 Total Storage		\$	100,277.17	\$	100,167.86			100,224.43	\$	104,376.81	\$	95,394.62	,	\$	600,522.68	\$	600,522.68
30			,		,			,		, ,		,		'	,		,
31 LNG																	
32 LNG - Res Charge (Distrigas)	PK	\$	-	\$	- 5	\$ -	\$	-	\$	-	\$	-	(\$	-	\$	-
33																	
34 PROPANE																	
35 Energy North Propane	OP	\$	-	\$	- 3	\$ 3.	97 \$	3.97	\$	(3.97)	\$	3.97	\$ 8	\$	-	\$	8
36	on	_	#00.00		500.00			#00.00	_	500.00			2 ===				2 == 0.00
37 ICE Fees 38	OP	\$	500.00	\$	500.00	\$ 750.	\$ 00	500.00	\$	500.00	\$	1,000.00	3,750	3	-	\$	3,750.00
39 <u>Canadian</u>																	
40 Capacity Managed - Canadian	PK	s	(4,378.67)	•	(4,675.39)	\$ (5,693.	2 (00	(4,635.50)	•	(4,624.72)	•	(4,694.25)	s -	\$	(28,702)	•	(28,702)
41	111		(4,570.07)	Ψ	(4,075.55)	ψ (5,0>5.	υυ) ψ	(4,055.50)	Ψ	(4,024.72)	Ψ	(4,074.25)	Ψ -	Ψ	(20,702)	Ψ	(20,702)
42 Demand Subtotal		s	792,015.46	\$	707,275.86	\$ 729,253.	23 \$	704,603.74	\$	760,903.32	\$	701,468.66	\$ 2,953,845	\$	1,441,675	\$	4,395,520
43			,,,,,,,		, , , , , , , , , , , , , , , , , , , ,			. , ,				. ,	, , , , , ,		1 1		7
44 Capacity Release Adjustment																	
45 TGP 42076 FTA	OP												\$ 33,140	\$	-	\$	33,140
46 TGP 632 FSMA	PK																
47 TGP 11234 FTA	PK																
48 TGP 8587FTA	OP																
49 PNGTS FT-1999-001	OP													1			
50		\$	36,328.90	\$	54,493.17	\$ 84,370.	57 \$	81,472.18	\$	69,335.67	\$	30,838.33	\$ 189,451	. \$	167,388	\$	356,839
51 52 TOTAL DEMAND		\$	828,344.36	¢	761,769.03	¢ 012.622	nn ¢	786,075.92	¢	830,238.99	¢	732,306.99	2 142 204		1,609,063.32	•	4 752 250 10
32 TOTAL DEMAND		3	848,344.36	Ф	/01,/09.03	\$ 813,623.	7U \$			830,238.99 IAS BEEN REDA			3,143,296	1.3	1,009,003.32	Þ	4,752,359.19

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ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 DETAIL GAS COSTS BY SOURCE SCHEDULE 2 B

				EDULE 2 B						
FOR THE MONTH OF:		May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total Off Peak	Total Peak	Total
53 COMMODITY										
54										
55 Canadian Supply 56 BP/Northeast Gas Market										
57 Nexen										
58 Sempra										
59 Total Canadian Commodity	\$	2,592,615.88 \$	2,550,023.21 \$	3,007,712.06 \$	2,102,414.83 \$	1,836,017.81 \$	1,814,678.59	\$ 13,903,462	s -	\$ 13,903,46
60	,	_,,	-,, +	-,,	_,, _ ,	-,,	-,,		*	
61 Pipeline Transport										
62 ANE Union/Transgas	\$	3,446.66 \$	3,613.22 \$	3,413.23 \$	3,540.93 \$	3,400.89 \$	3,279.06	\$ 20,694		\$ 20,69
63										
64 Dominion		8.10	164.51	325.15 \$	166.33 \$	157.41 \$	175.40		\$ -	\$ 99
65 Iroquois		596.16	615.37	539.93	613.86	615.10	593.57	3,574	-	3,57
66 El Paso		95,269.50	53,135.81	39,868.92	(29,502.97)	(34,070.62)	(2,768.16)	121,932	-	121,93
67 Honeye					113.97	(113.97)		0		
68 National Fuel		293.74	985.33	1,480.44	975.60	1,012.69	847.41	5,595	-	5,59
69 PNGTS	s	06 167 50 \$	54 001 02 · 6	42 214 44 . 6	(27.622.21) 6	(22, 200, 20) ¢	1,327.89	1,328	-	1,32 \$ 133.42
70 Total TGP Transportation	2	96,167.50 \$	54,901.02 \$	42,214.44 \$	(27,633.21) \$	(32,399.39) \$	176.11	\$ 133,426	\$ -	\$ 133,42
71 72 Total Pipeline Transport	\$	99,614.16 \$	58,514.24 \$	45,627.67 \$	(24,092.28) \$	(28,998.50) \$	3,455.17	\$ 154,120	s -	\$ 154,120.4
73	Ψ	22,014.10 φ	30,314.24 \$	45,027.07 \$	(24,092.20) \$	(20,550.50) \$	3,433.17	φ 134,120	φ -	φ 134,120.4
74 City Gate Supply										
75 Distrigas FCS 064	\$	- \$	- \$	- \$	- \$	- \$	873,080.00	\$ 873,080	\$ -	\$ 873,08
76	,	*	*	*	*	*	,	,	*	
77										
78 PNGTS Gas Supply Purchases										
79 Emera	\$	1,903.40	1,937.40 \$	- \$	-	-		\$ 3,841	\$ -	\$ 3,840.8
80 Total PNGTS Supply	\$	1,903.40 \$	1,937.40 \$	- \$	- \$	- \$	-	\$ 3,841	\$ -	\$ 3,840.8
81										
82 TGP Gas Supply Purchases										
83 Andarko										
84 ANP										
85 Cargill										
86 Cheniere										
87 Chevron										
88 Colonial Energy										
89 Cokinos										
90 Coral										
91 Conoco										
92 Constellation Energy										
93 Devon Gas										
94 DTE Energy										
95 Emera 96 ETC										
98 Hess 99 L. Dreyfus										
100 Macquarie										
101 NET										
101 NET 102 NJ Energy										
103 Shell										
104 Tenaska										
105 Total Gas & Power										
106 UBS										
107 VPEM	6	4 705 463 07	2 500 075 40	2 644 720 64	1.077.103.27 *	216624024 *	2 (00 273 00	¢ 10.000.000		¢ 10.000.00
108 Sub Total 109 Hedging Gain/Loss	\$	4,785,462.97 \$ (1,337,839.00)	2,598,865.48 \$	3,644,730.64 \$	1,876,193.37 \$	2,166,340.31 \$	3,609,273.09 602,306.00	\$ 18,680,866 (735,533)	\$ -	\$ 18,680,86 (735,53
	\$	3,447,623.97 \$	2,598,865.48 \$	3,644,730.64 \$	1,876,193.37 \$	2,166,340.31 \$	4,211,579.09		s -	\$ 17,945,33
110 Total 111	•	3,441,043.91 \$	4,370,003.48	3,044,730.04 \$	1,070,193.37 \$	2,100,340.31 \$	4,411,5/9.09	φ 17,945,333	· -	φ 17,945,33
111 112 Storage										
112 Storage 113 WITHDRAWALS	s	155,536.61 \$	101,495.57 \$	16,422.70 \$	38,407.90 \$	25,752.00 \$	280,265.70	\$ 617,880	s -	\$ 617,88
113 WITHDRAWALS 114 INJECTIONS	3	(2,016,023.20)	(1,742,039.54)	(1,900,643.54)	(1,416,342.93)	(1,185,760.06)	(1,306,131.16)	(9,566,940)	-	(9,566,94
114 INJECTIONS 115 Total Storage	\$	(1,860,486.59) \$	(1,640,543.97) \$	(1,884,220.84) \$	(1,377,935.03) \$	(1,160,008.06) \$	(1,025,865.46)		\$ -	\$ (8,949,06
116	,	(1,000, 100,3) \$	(1,070,070,071) Ø	(1,007,220.07) Þ	(1,011,933,03) Ø	(1,100,000.00) \$	(1,020,000,40)	(0,242,000)	-	ψ (0,2 1 2,00
117 LNG										
118 LNG VAPOR	s	17,468.87 \$	21,576.46 \$	20,249.70 \$	18,661.20 \$	15,574.51 \$	11,699.96	\$ 105,231	s -	\$ 105,23
119 Total LNG	S	17,468.87 \$	21,576.46 \$	20,249.70 \$	18,661.20 \$	15,574.51 \$	11,699.96		\$ -	\$ 105,23
120		Σ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-1,070.70 p	=0,=T/./U Ø		HAS BEEN REDACTI		- 100,201	1 = -	103,23
120	l				IIIGIAGE	IIIO DEEN KEDACII				

ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 DETAIL GAS COSTS BY SOURCE SCHEDULE 2 B

FOR THE MONTH OF:		May-08	Jun-08	Jul-08	Aug-08	Sep-08		Oct-08	Total Off Peak	Total Peak	Total
121 PROPANE											
122 Propane Sendout		\$ (238.96) \$	793.31 \$	72.25 \$	4,137.43 \$	6,945.27	\$	958.64 \$	12,668 \$	-	\$ 12,667.94
123 Energy North Propane		(1,833.07)	(6,529.96)	9,234.26	=			4,068.36	4,940	-	4,939.59
124 TOTAL PROPANE		\$ (2,072.03) \$	(5,736.65) \$	9,306.51 \$	4,137.43 \$	6,945.27	\$	5,027.00 \$	17,608 \$	-	\$ 17,607.53
125											
126 Taxes - West Virginia	OP	\$ - \$	- \$	- \$	- \$	-	\$	2,496.03 \$	2,496 \$	-	\$ 2,496
127											
128 Broker Cashout	OP	\$ 103,339.51 \$	111,882.90 \$	42,329.63 \$	48,534.06 \$	23,609.38	\$	28,305.51 \$	358,001 \$	-	\$ 358,000.99
129											
130 Capacity Managed - Canadian	OP	\$ (223,354.25) \$	(162,126.59) \$	(233,786.53) \$	(143,801.91) \$	(212,419.94)	\$	(167,650.27) \$	(1,143,139) \$	-	\$ (1,143,139.49
131											
132 Broker Inventory	PK	\$ - \$	- \$	- \$	- \$	-	\$	-	0 \$	-	\$ -
133											
134 Broker's Imbalance Revenues	OP	\$ (4,656.60) \$	2,673.42 \$	(579.76) \$	(59.85) \$	(87.56)	\$	(143.97) \$	(2,854) \$	-	\$ (2,854.32
135											
136 TOTAL COMMODITY		\$ 4,171,996.32 \$	3,537,065.90 \$	4,651,369.08 \$	2,504,051.82 \$	2,646,973.22	\$	5,756,661.65 \$	23,268,118 \$	-	\$ 23,268,117.99
137											
138 OFF SYSTEM SALES COST	OP	(21,297.17)	(94,567.54)	(1,383,350.75)	(141,051.14)	(321,801.76)	1	(251,370.32) \$	(2,213,439)	-	(2,213,438.68
139											
140 NON-FIRM COST	OP	\$ - \$	- \$	(20,422.00) \$	- \$	-	\$	- \$	(20,422)	-	\$ (20,422
141											
142 NET COMMODITY COST		\$ 4,150,699.15 \$	3,442,498.36 \$	3,247,596.33 \$	2,363,000.68 \$	2,325,171.46	\$	5,505,291.33 \$	21,034,257 \$	-	\$ 21,034,257.31

FOR THE MONTH OF:			May-08		Jun-08		Jul-08		Aug-08		Sep-08		Oct-08		Total
143 Total Peak Demand	PK	6	291,245.62	¢	238,023,81	•	263,100,39	e	264,534.03	¢	272,600,78	¢	279,558.69	¢	1,609,063
		,	291,243.02	Ф	230,023.01	Ф	203,100.39	,	204,334.03	Ф	272,000.78	Ф	279,336.09	Ф	1,009,003
144 Total Peak Commodity	PK		-		-		-		-		-		-		-
145 Total Peak Gas Costs		\$	291,245.62	\$	238,023.81	\$	263,100.39	\$	264,534.03	\$	272,600.78	\$	279,558.69	\$	1,609,063
146															
147 Off-Peak Demand	OP	\$	537,098.74	\$	523,745.22	\$	550,523.51	\$	521,541.89	\$	557,638.21	\$	452,748.30	\$	3,143,296
148 Off-Peak Commodity	OP		4,150,699.15		3,442,498.36		3,247,596.33		2,363,000.68		2,325,171.46		5,505,291.33		21,034,257
149 Total Off Peak Gas Costs		\$	4,687,797.89	\$	3,966,243.58	\$	3,798,119.84	\$	2,884,542.57	\$	2,882,809.67	\$	5,958,039.63	\$	24,177,553
150															
151 Firm Sendout Costs		\$	4,979,043,51	\$	4,204,267,39	\$	4,061,220,23	\$	3,149,076,60	\$	3,155,410,45	\$	6,237,598.32	\$	25,786,61

ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 SCHEDULE 3

SUMMER	CGAC GAS REVENUE	SBILLED

FOR MONTH OF:		May-08 Winter	May-08 Summer	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Total Off-Peak	Total Peak
		winter	Summer	-			-			OII-reak	reak
1 VOLUMES											
2 RESIDENTIAL											
3 R-1		50,661	28,412	70,001	61,123	51,671	42,249	61,576	49,257	364,289	50,
4 R-1 FPO		4,886	2,972	99	_	_	_	50	4,599	7,720	4,
5 R-3		1,419,167	997,404	1,648,054	1,200,134	1,061,835	1,191,661	1,767,136	1,859,031	9,725,255	1,419,
6 R-3 FPO		377,584	227,922	572	644	13	77	1,821	406,685	637,734	377,
7 R-4		215,389	71,042	126,259	86,016	75,281	77,693	112,440	11,634	560,365	215,
8 R-4 FPO		47,844	20,235	2,614	(421)	75,201	(1,601	1,199	1,265	23,291	47.
						4.400.000	-				-
9 Total Residential		2,115,531	1,347,987	1,847,599	1,347,496	1,188,800	1,310,079	1,944,222	2,332,471	11,318,654	2,115,
0											
1 COMMERCIAL/INDUSTRIAL											
2 G41 - G43		1,401,267	676,485	1,194,532	694,011	664,054	764,146	1,133,537	1,445,700	6,572,465	1,401,
3 G41 - G43 FPO		137,497	99,553	2,297	-	-	-	-	115,286	217,136	137,
4 G51 - G63		376,672	222,258	598,073	488,476	481,825	509,098	562,051	383,089	3,244,870	376
5 G51 - G63 FPO	1	58,836	25,742	999					26,207	52,948	58
6 Total Comm/Industrial		1,974,272	1,024,038	1,795,901	1,182,487	1,145,879	1,273,244	1,695,588	1,970,282	10,087,419	1,974
7 Total Sales		4,089,803	2,372,025	3,643,500	2,529,983	2,334,679	2,583,323	3,639,810	4,302,753	21,406,073	4,089
B Total Sales		4,002,003	2,372,023	3,043,300	2,327,703	2,334,077	2,505,525	3,037,010	4,302,733	21,400,073	4,000
9 TRANSPORTATION						1	1				
G41 - G43		775 000	204 770	666 150	422.050	205.024	451 100	662.022	044 621	2 550 505	777
		775,023	204,778	666,150	433,059	395,936	451,100	662,933	944,631	3,758,587	775
G51 - G63	1	2,225,770	88,525	2,319,667	2,065,641	1,882,495	2,179,121	2,150,795	2,421,603	13,107,847	2,225
Total Transportation		3,000,792	293,304	2,985,817	2,498,700	2,278,431	2,630,221	2,813,728	3,366,234	16,866,435	3,000
3											
1 Total Volumes		7,090,595	2,665,329	6,629,317	5,028,683	4,613,110	5,213,544	6,453,538	7,668,987	38,272,508	7,090
5		,,	,,.	.,,.	.,,	, , , , ,	., .,	.,,	,,	, , ,	,
RATES											
R-1	\$	1.2389	\$ 1.1611	\$ 1.2407	\$ 1.3792	\$ 1.4158	\$ 1.3019	\$ 1.1443	\$ 1.1443		
R-1 FPO	9	1.1640	1.1611	1.2407	1.3792	1.4158	1.3019	1.1443	1.1443		
R-3		1.2389	1.1611	1.2407	1.3792	1.4158	1.3019	1.1443	1.1443		
R-3 FPO		1.1640	1.1611	1.2407	1.3792	1.4158	1.3019		1.1443		
R-4		1.2389	1.1611	1.2407	1.3792	1.4158	1.3019	1.1443	1.1443		
R-4 FPO		1.1640	1.1611	1.2407	1.3792	1.4158	1.3019		1.1443		
C/I Sales G41 to G43		1.2390	1.1615		1.3790	1.4150	1.3210		1.1447		
C/I Sales G41 to G43 FPO		1.1641	1.1615	1.2259	1.3790	1.4150	1.3210	1.1447	1.1447		
C/I Transport G41 to G43		0.0042	-	-	-	-	-	-	-		
C/I Sales G51 to G63		1.2384	1.1608	1.2351	1.3781	1.4135	1.3191	1.1441	1.1441		
C/I Sales G51 to G63 FPO		1.1635	1.1608	1.2351	1.3781	1.4135	1.3191	1.1441	1.1441		
C/I Transport G51 to G63		0.0042	-	-	-	-	-	-	-		
9											
)		-									
REVENUES											
R-1	\$	62,764	\$ 32,989	\$ 86,850	\$ 84,301	\$ 73,156	\$ 55,004	\$ 70,461	\$ 56,365	\$ 459,126	\$ 62
R-1 FPO	φ	5,687	3,451	123	\$ 54,501	\$ 75,150	3 33,004	57	5,263	8,893	5 62
					1 (55 225	1.502.246	1 551 422				1,758
R-3		1,758,206	1,158,086	2,044,741	1,655,225	1,503,346	1,551,423	2,022,134	2,127,289	12,062,244	
R-3 FPO		439,508	264,640	710	888	18	100	2,084	465,370	733,810	439
R-4		266,845	82,487	156,650	118,633	106,583	101,149	128,665	13,313	707,479	26
R-4 FPO		55,690	23,495	3,243	(581)	-	(2,084		1,448	26,893	5:
C/I Sales G41 to G43		1,736,170	785,737	1,464,377	957,041	939,636	1,009,437	1,297,560	1,654,893	8,108,681	1,73
C/I Sales G41 to G43 FPO		160,060	115,631	2,816	-	-	-	-	131,968	250,415	160
C/I Transport G41 to G43		3,255	-	-	-	-	-	-	-	-	3
C/I Sales G51 to G63		466,471	257,997	738,680	673,169	681,060	671,551	643,043	438,292	4,103,791	460
C/I Sales G51 to G63 FPO		68,456	29,881	1,234	-	-	-	-	29,983	61,099	68
C/I Transport G51 to G63	1.	9,348				l	l				9
Gas Cost Revenue	\$	5,032,461	\$ 2,754,394	\$ 4,499,423	\$ 3,488,676	\$ 3,303,799	\$ 3,386,580	\$ 4,165,376	\$ 4,924,183	\$ 26,522,431	\$ 5,032
Gas Cost Revenue		3,034,401	φ 2,134,394	Ψ +,422,423	φ 3,400,070	ψ 3,303,199	φ 3,300,380	Ψ,105,3/6	Ψ +,724,183	ψ 20,322,431	φ 5,032
Less Occupant Billing			2056	2.056	7 425	6.057	2 9/2	2 000		26 965	
			2,856	2,856	7,435	6,957	3,862	2,900		26,865	l ———
						1					
Less Summer Proration			34,236	48,671	9,231	9,550	31,009	(2,046)		130,650	
Summer Gas Cost Revenue Billed			\$ 2,717,303	\$ 4,447,896	\$ 3,472,011	\$ 3,287,292	\$ 3,351,709	\$ 4,164,522	\$ 4,924,183	\$ 26,364,916	
			· 2,/1/,505	÷,++1,090	ψ 3, 1 12,011	y 3,201,292	\$ 3,331,709	7,104,322	· -,,,,103	÷ 20,304,910	
Winter Con Costs Bassassa Billed		5 022 461				1					\$ 5,032
Winter Gas Costs Revenue Billed	\$	5,032,461				1				-	a 5,032
D .						1					
Total Gas Costs Billed	\$	5,032,461	\$ 2,717,303	\$ 4,447,896	\$ 3,472,011	\$ 3,287,292	\$ 3,351,709	\$ 4,164,522	\$ 4,924,183	\$ 26,364,916	\$
	T i		, ,	, ,:	, ,,==	, , , , , , , , , , , , , , , , , , , ,	,,	, . ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,,	
Bad Debt Revenue Billed	•	120,240	\$ 45,068	\$ 69,227	\$ 48,070	\$ 44,359	\$ 49,083	\$ 69,156	\$ 81,752	\$ 406,715	\$ 120
Dau Dent Revenue Billed	\$										
W 11 G 11 G		44,579	\$ 16,367	\$ 25,140	\$ 17,457	\$ 16,109	\$ 17,825	\$ 25,115	\$ 29,689	\$ 147,702	\$ 44
Working Capital Gas Cost Billed	\$	11,577									
Working Capital Gas Cost Billed Broker Revenue	2	. 1,577	\$ 44,165		\$ 112,422	\$ 529	\$ 54,347	\$ 33,007	\$ -	\$ -	\$ 865
	2	11,577				\$ 529	\$ 54,347	\$ 33,007	<u>\$</u> -	\$ -	\$ 865

ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 SCHEDULE 4 - NONFIRM MARGIN

FOR THE MONTH OF:	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Total
1							
2 INTERRUPTIBLE							
3							
4 280 DAY							
5							
6 TRANSPORTATION							
7							
8							
9 OFF SYSTEM SALES							
10							
11 CAPACITY RELEASE							
12							
13 TOTAL NON FIRM MARGIN AND CREDITS	\$ (36,440	(56,640)	\$ (138,583)	\$ (82,946)	\$ (78,253)	\$ (31,988)	\$ (424,856)

This page is filed under protective Order No. 24,849 dated April 23, 2008 in DG 07-129

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ENERGY NORTH NATURAL GAS, INC d/b/a KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 PEAK WORKING CAPITAL ACCOUNT 142.20 SCHEDULE 5

FOR THE MONTH OF:	May-08		Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Total
DAYS IN MONTH:	31		30	31	31	30	31		
1 BEGINNING BALANCE	\$ (261,	076)	\$ (305,211)	\$ (305,293)	\$ (305,785)	\$ (305,910)	\$ (305,911)	\$ (305,497)	\$ (261,076)
3 Add: COST ALLOW	1,	543	1,170	803	1,171	1,254	1,597		7,638
4 Less: WORKING CAPITAL REVENUE BILLED	(44,	579)	<u> </u>	<u> </u>	<u>-</u>	<u> </u>	<u>-</u> _		(44,579)
5									
6 ENDING BALANCE PRE INTEREST	\$ (304,	011) 5	\$ (304,041)	\$ (304,490)	\$ (304,614)	\$ (304,656)	\$ (304,314)	\$ (305,497)	\$ (298,016)
7									
8 MONTH'S AVERAGE BALANCE	(282,	543)	(304,626)	(304,891)	(305,199)	(305,283)	(305,113)		
9									
10 INTEREST RATE	5.	00%	5.00%	5.00%	5.00%	5.00%	4.56%		
11 INTEREST APPLIED	(1,	200)	(1,252)	(1,295)	(1,296)	(1,255)	(1,183)		(7,481)
12 ENDING BALANCE	\$ (305,	211) 5	\$ (305,293)	\$ (305,785)	\$ (305,910)	\$ (305,911)	\$ (305,497)	\$ (305,497)	\$ (305,497)

ENERGY NORTH NATURAL GAS, INC D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 OFF-PEAK WORKING CAPITAL ACCOUNT 142.40 SCHEDULE 5

	FOR THE MONTH OF:	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Total
	DAYS IN MONTH	31	30	31	31	30	31		
1	BEGINNING BALANCE	\$ (74,953)	\$ (61,372)	\$ (61,181)	\$ (54,385)	\$ (52,115)	\$ (51,559)	\$ (38,418)	(74,953)
2									
3	Add:ACTUAL COST	30,236	25,582	24,498	18,605	18,594	38,429	-	\$ 155,945
4	Less: WORKING CAPITAL REVENUE BILLED	(16,367)	 (25,140)	(17,457)	(16,109)	 (17,825)	(25,115)	 (29,689)	(147,702)
5									
6	ENDING BALANCE PRE INTEREST	\$ (61,083)	\$ (60,930)	\$ (54,140)	\$ (51,889)	\$ (51,346)	\$ (38,244)	\$ (68,107)	\$ (66,709)
7									
8	MONTH'S AVERAGE BALANCE	(68,018)	(61,151)	(57,661)	(53,137)	(51,731)	(44,902)		
9									
10	INTEREST RATE	5.00%	5.00%	5.00%	5.00%	5.00%	4.56%		
11	INTEREST APPLIED	(289)	(251)	(245)	(226)	(213)	(174)		(1,398)
12	ENDING BALANCE	\$ (61,372)	\$ (61,181)	\$ (54,385)	\$ (52,115)	\$ (51,559)	\$ (38,418)	\$ (68,107)	\$ (68,107)

ENERGY NORTH NATURAL GAS, INC d/b/a KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 SCHEDULE 6

OFF PEAK BAD DEBT AND WORKING CAPITAL COSTS

FOR MONTH OF:	May-08	Jun-08	Jul-08	Aug-08		Sep-08	Oct-08	Total
1 Demand 2 Commodity	\$ 537,099 4,150,699	\$ 523,745 3,442,498	\$ 550,524 3,247,596	521,542 2,363,001	\$	557,638 2,325,171	\$ 452,748 5,505,291	\$ 3,143,296 21,034,257
3 Total Gas Costs	\$ 4,687,798	\$ 3,966,244	\$ 3,798,120	\$ 2,884,543	\$	2,882,810	\$ 5,958,040	\$ 24,177,553
4 5 Working Capital Rate	 0.00645	 0.00645	 0.00645	 0.00645	-	0.00645	 0.00645	
7 Total Working Capital Costs	\$ 30,236	\$ 25,582	\$ 24,498	\$ 18,605	\$	18,594	\$ 38,429	\$ 155,945
8 9 Prior Period (Over)Undercollection 10	\$ 22,602	\$ 22,602	\$ 22,602	\$ 22,602	\$	22,602	\$ 22,602	\$ 135,609
11 Subtotal Gas Costs, Working Capital & Under Collection	\$ 4,740,636	\$ 4,014,427	\$ 3,845,219	\$ 2,925,749	\$	2,924,005	\$ 6,019,070	
12 13 Bad Debt Rate	 0.0175	 0.0175	 0.0175	 0.0175		0.0175	 0.0175	
14 15 Total Bad Debt Cost	\$ 82,961	\$ 70,252	\$ 67,291	\$ 51,201	\$	51,170	\$ 105,334	\$ 428,209

ENERGY NORTH NATURAL GAS, INC d/b/a KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2002 SCHEDULE 6 PEAK BAD DEBT AND WORKING CAPITAL COSTS

	FOR MONTH OF:	May-08	Jun-08		Jul-08	Aug-08		Sep-08	Oct-08	Total
	Demand Commodity	\$ 291,246	\$ 238,024	\$	263,100	\$ 264,534	\$	272,601	\$ 279,559	\$ 1,609,063
	Commodity Margins and Capacity Release	 (36,446)	(56,640)		(138,583)	 (82,946)		(78,253)	 (31,988)	 (424,856)
4	Total Gas Costs	\$ 254,799	\$ 181,384	\$	124,517	\$ 181,588	\$	194,348	\$ 247,571	\$ 1,184,207
6	Working Capital Rate	 0.00645	 0.00645	_	0.00645	 0.00645	_	0.00645	 0.00645	
8	Total Working Capital Costs	\$ 1,643	\$ 1,170	\$	803	\$ 1,171	\$	1,254	\$ 1,597	\$ 7,638
10	Prior Period (Over)Undercollection	 	 			 			 	
11 12 13	Subtotal Gas Costs, Working Capital & Under Collection	\$ 256,443	\$ 182,554	\$	125,321	\$ 182,759	\$	195,601	\$ 249,168	\$ 1,191,845
_	Bad Debt Rate	 0.0175	0.0175		0.0175	 0.0175		0.0175	 0.0175	
15 16	Total Bad Debt Cost	\$ 4,488	\$ 3,195	\$	2,193	\$ 3,198	\$	3,423	\$ 4,360	\$ 20,857

ENERGYNORTH NATURAL GAS, INC.

D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND

MAY THROUGH OCTOBER 2008

SCHEDULE 7 WORKING CAPITAL & BAD DEBT REVENUE BILLED

FOR MONTH OF:	May-08 Winter	May-08 Summer	Jun-08	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Total OffPeak	Total Peak
1 VOLUMES										
2 RESIDENTIAL	1 695 217	1.006.050	1 044 214	1 247 272	1 100 707	1 211 602	1.041.152	1 010 022	10.640.000	1 605 217
3 R-1, R-3 and R-4 4 R-1, R-3 and R-4 FPO	1,685,217 430,314	1,096,858 251,129	1,844,314 3,285	1,347,273 223	1,188,787 13	1,311,603	1,941,152 3,070	1,919,922 412,549	10,649,909 668,745	1,685,217 430,314
4 K-1, K-3 and K-4 FPO	430,314	231,129	3,283	223	13	(1,524)	3,070	412,349	000,745	430,314
3										
6 COMMERCIAL/INDUSTRIAL	1 401 257	575 105	1 104 500	504.011	554.054	764.146	1 100 505	1 445 500	< == 0 4<=	1 401 207
7 G41 - G43	1,401,267	676,485	1,194,532	694,011	664,054	764,146	1,133,537	1,445,700	6,572,465	1,401,267
8 G41 - G43 FPO	137,497	99,553	2,297	400 455	401.005	-	552.051	115,286	217,136	137,497
9 G51 - G63	376,672	222,258	598,073	488,476	481,825	509,098	562,051	383,089	3,244,870	376,672
10 G51 - G63 FPO	58,836	25,742	999	-	-	-	=	26,207	52,948	58,836
11										
12 TRANSPORTATION										
13 G41 - G43	775,023	204,778	666,150	433,059	395,936	451,100	662,933	944,631	3,758,587	775,023
14 G51 - G63	2,225,770	88,525	2,319,667	2,065,641	1,882,495	2,179,121	2,150,795	2,421,603	13,107,847	2,225,770
15	= 000 505			# 020 ccc	4.442.550		ć 450 500	.	20.252.522	= 000 =0=
16 TOTAL VOLUME	7,090,595	2,665,329	6,629,317	5,028,683	4,613,110	5,213,544	6,453,538	7,668,987	38,272,508	7,090,595
17										
18 WORKING CAPITAL RATES										
19 Residential R1 & R3	\$ 0.01090	\$ 0.00690	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069	\$ 0.0069		
20 Residential R1 & R3 FPO	0.0109	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069		
21 C/I Sales G41 to G43	0.0109	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069		
22 C/I Sales G41 to G43 FPO	0.0109	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069		
23 C/I Sales G51 to G63	0.0109	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069		
24 C/I Sales G51 to G63 FPO	0.0109	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069		
25										
26 WORKING CAPITAL REVENUE BILLED										
27 Residential R1 & R3	\$ 18,369	\$ 7,568		\$ 9,296	\$ 8,203	\$ 9,050	\$ 13,394	\$ 13,247	\$ 73,484	
28 Residential R1 & R3 FPO	4,690	1,733	23	2	0	(11)	21	2,847	4,614	4,690
29 C/I Sales G41 to G43	15,274	4,668	8,242	4,789	4,582	5,273	7,821	9,975	45,350	15,274
30 C/I Sales G41 to G43 FPO	1,499	687	16	-	-	-	=.	795	1,498	1,499
31 C/I Sales G51 to G63	4,106	1,534	4,127	3,370	3,325	3,513	3,878	2,643	22,390	4,106
32 C/I Sales G51 to G63 FPO	641	178	7					181	365	641
33 WORKING CAPITAL REVENUE BILLED	\$ 44,579	\$ 16,367	\$ 25,140	\$ 17,457	\$ 16,109	\$ 17,825	\$ 25,115	\$ 29,689	\$ 147,702	\$ 44,579
34							Ť.		,	
35 BAD DEBT RATES										
36 Residential R1 & R3	\$ 0.02940	\$ 0.01900	\$ 0.0190	\$ 0.0190	\$ 0.0190	\$ 0.0190	\$ 0.0190	\$ 0.0190		
37 Residential R1 & R3 FPO	0.0294	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190		
38 C/I Sales G41 to G43	0.0294	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190		
39 C/I Sales G41 to G43 FPO	0.0294	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190]	1
40 C/I Sales G51 to G63	0.0294	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190		
41 C/I Sales G51 to G63 FPO	0.0294	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190	0.0190		
42										
43 BAD DEBTS REVENUE BILLED					1			1		
44 Residential R1 & R3	\$ 49,545	\$ 20,840	\$ 35,042	\$ 25,598	\$ 22,587	\$ 24,920	\$ 36,882	\$ 36,479	\$ 202,348	\$ 49,545
45 Residential R1 & R3 FPO	12,651	4,771	62	4	0	(29)	58	7,838	12,706	12,651
46 C/I Sales G41 to G43	41,197	12,853	22,696	13,186	12,617	14,519	21,537	27,468	124,877	41,197
47 C/I Sales G41 to G43 FPO	4,042	1,892	44		-	-	-	2,190	4,126	4,042
48 C/I Sales G51 to G63	11,074	4,223	11,363	9,281	9,155	9,673	10,679	7,279	61,653	11,074
49 C/I Sales G51 to G63 FPO	1,730	489	19				,-//	498	1,006	1,730
50 BAD DEBTS REVENUE BILLED	\$ 120,240	\$ 45,068		\$ 48,070	\$ 44,359	\$ 49,083	\$ 69,156		\$ 406,715	\$ 120,240

ENERGYNORTH NATURAL GAS, INC. D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 OFF PEAK COMMODITY COSTS AND THERMS SCHEDULE 8

FOR THE MONTH OF:			May-08		Jun-08		Jul-08		Aug-08		Sep-08			Oct-0		Total	
	Reference		Dollar '	Volume Dth	Dollar	Volume Dth	Dollar	Volume Dth	Dollar	Volume Dth	Dollar '	Volume Dth	Dol	llar	Volume Dth	Dollar	Volume Dt
TENNESSEE COMMODITY Total Supply Off System Sales Transportation Total Tennessee Commodity	Sch 2B line 108 Sch 2B line 138 Sch 2B line 70																
CITY GATE Distrigas FCS 064	Sch 2B line 75																
PNGTS Transportation PNGTS	Sch 2B line 80																
Hedge Gain/Loss	Sch 2B line 109																
BP/Northeast Gas Market Nexen Sempra ANE Union/Transgas Transporation SUBTOTAL CANADIAN COMM	Sch 2B line 56 Sch 2B line 57 Sch 2B line 58 Sch 2B line 62																
LNG VAPOR SUBTOTAL LNG	Sch 2B line 118																
PROPANE	Sch 2B line 124																
STORAGE WITHDRAWALS STORAGE INJECTIONS	Sch 2B line 113 Sch 2B line 114																
TAXES	Sch 2B line 126	s	-		\$ -		\$ -		\$ -		\$ -		\$	2,496		\$ 2,496	-
SUPPLIER CASHOUT	Sch 2B lines 128+134	\$	98,683		\$ 114,556		\$ 41,750		\$ 48,474		\$ 23,522		\$	28,162	0	\$ 355,147	
CAPACITY MANAGED - CANADIAN	Sch 2B line 130	\$	(223,354)		\$ (162,127)		\$ (233,787)		\$ (143,802)		\$ (212,420)		\$	(167,650)	0	\$ (1,143,139)	
NON FIRM COSTS	Sch 2B line 140	\$			\$ <u> </u>	-	\$ (20,422)	-	\$ 	-	\$ <u> </u>	-	\$		-	\$ (20,422)	
SUBTOTAL OTHER		\$	(124,671)	0	\$ (47,570)	0	\$ (212,459)	0	\$ (95,328)	0	\$ (188,898)	0	\$	(136,993)	0	\$ (805,919)	
TOTAL COMMODITY COST		\$	4,150,699	460,207	\$ 3,442,498	269,624	\$ 3,247,596	237,084	\$ 2,363,001	244,578	\$ 2,325,171	280,198	\$ 5	5,505,291	646,572	\$ 21,034,257	2,138,2

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ENERGYNORTH NATURAL GAS, INC.

D/B/A KEYSPAN ENERGY DELIVERY NEW ENGLAND MAY THROUGH OCTOBER 2008 MONTHLY PRIME RATES SCHEDULE 9

		PRIME	DAYS IN	WEIGHTED
MONTH	DATES	RATE	MONTH	RATE
May 2008	05/01 - 05/31	5.00%	31	5.0000%
June 2008	06/01 - 06/30	5.00%	30	5.0000%
July 2008	07/01 - 07/31	5.00%	31	5.0000%
August 2008	08/01 - 08/31	5.00%	31	5.0000%
September 2008	09/01 - 09/30	5.00%	30	5.0000%
October 2008	10/01 - 10/31	4.56%	31	4.5600%