Northern Utilities, Inc.

New Hampshire Division

2012 SUMMER PERIOD PROPOSED COST OF GAS ADJUSTMENT

TO BE EFFECTIVE MAY 1, 2012

FILED MARCH 15, 2012



Tariff Sheets

Supplement No. 1, Fifth Revised Page 2 Rate Summary

Supplement No. 1, Fourth Revised Page 3 Rate Summary

Supplement No. 1, Second Revised Page 4 Rate Summary

Fiftieth Revised Page No. 38 Statement of anticipated Cost of Gas

Sixty-second Revised Page No. 39 Calculation of proposed Cost of Gas Adjustment

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35 36	Second Revised Second Revised	

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38	Forty-ninth Revised	Fiftieth Revised
39	Sixty-first Revised	Sixty-second Revised
40	Twenty-fourth Revised	
41	First Revised	
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58	Original	
59	Third Revised	
60	Second Revised	
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63	Third Revised	
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81	Original	
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84	Second Revised	
85	Original	
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91	Original	
92	Second Revised	
93	Original	
94	Forty-fifth Revised	
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99 99-a	Eighteenth Revised	
100	Original	
101	Original	
102	Original	
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105	Original	
106	Original	
107	Original	
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109	Original	
110	Original	
111	Original	
112	Original	
113	Original	
114	Original	
115	Original	
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141	First Revised	
142	First Revised	
143	First Revised	
144	First Revised	
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146	First Revised	
147	First Revised	
148	First Revised	
149	First Revised	
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152-a	Original	
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155	Original	
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159	Original	
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Northern Utilities, Inc. New Hampshire Division

CHECK SHEET

The title page and pages i-171 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

Pages

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Revision

Proposed

First Revised

Supplement No. 1 Fifth Revised Page 2 Superceding Fourth Revised Page 2

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON C&I RATES

	Summer Season		Total	Total Billeo	d Rates
	May 2012 - October 2012	Tariff	Delivery Rates	Tariff Rates	s, LDAC
		Rates	(Includes LDAC)	Plus Cost	of Gas
C&I Low Annual/High Winter	Tariff Rate R 5:				
	Monthly Customer Charge	\$9.50	\$9.50		\$9.50
	First 50 therms	\$0.4395	\$0.4835	\$0.8206	
	All usage over 50 therms	\$0.3283	\$0.3723	\$0.7094	
	LDAC	\$0.0440			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.3371			
C&I Low Annual/Low Winter	Tariff Rate R 10:				
-	Monthly Customer Charge	\$3.80	\$3.80		\$3.80
	First 50 therms	\$0.1934	\$0.2374	\$0.5745	
	All usage over 50 therms	\$0.1489	\$0.1929	\$0.5300	
	LDAC	\$0.0440			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.3371			
Residential Non-Heating	Tariff Rate R 6:				
	Bi-monthly Customer Charge	\$19.00	\$19.00		\$19.00
	First 20 therms	\$0.4360	\$0.4800	\$0.8171	
	All usage over 20 therms	\$0.3375	\$0.3815	\$0.7186	
	Monthly Customer Charge	\$9.50	\$9.50		\$9.50
	First 10 therms	\$0.4360	\$0.4800	\$0.8171	
	All usage over 10 therms	\$0.3375	\$0.3815	\$0.7186	
	LDAC	\$0.0440			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.3371			
Residential Non-Heating Low Income	Tariff Rate R 11:				
	Bi-monthly Customer Charge	\$13.80	\$13.80		\$13.80
	First 20 therms	\$0.3377	\$0.3817	\$0.7188	φ10.00
	All usage over 20 therms	\$0.2628	\$0.3068	\$0.6439	
		\$0.2020	+	<i>•••••</i>	
	Monthly Customer Charge	\$6.90	\$6.90		
	First 10 therms	\$0.3377	\$0.3817	\$0.7188	
	All usage over 10 therms	\$0.2628	\$0.3068	\$0.6439	
	LDAC	\$0.0440			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.3371			

(1) Includes temporary rate adjustment of \$0.0293

Issued: March 15, 2012	Issued by:		Wil Hales
Effective: With Service Rendered On and After May 1, 2012	-	Title:	Treasurer
Authorized by NHPUC Order No. in Docket No. DG 12- , dated	2012.		

Supplement No. 1 Fourth Revised Page 3 Superceding Third Revised Page 3

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON C&I RATES

	Summer Season		Total	Total Billed Rates
	May 2012 - October 2012	Tariff	Delivery Rates	Tariff Rates, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40:			
	Monthly Customer Charge	\$18.70	\$18.70	\$18.70
	First 75 therms	\$0.3370	\$0.3603	\$0.7307
	All usage over 75 therms	\$0.2300	\$0.2533	\$0.6237
	LDAC	\$0.0233		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.3704		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
·	Monthly Customer Charge	\$18.70	\$18.70	\$18.70
	First 75 therms	\$0.3311	\$0.3544	\$0.6486
	All usage over 75 therms	\$0.2262	\$0.2495	\$0.5437
	LDAC	\$0.0233	\$012 100	<i>v</i> 010101
	Gas Cost Adjustment:	*****		
	Cost of Gas	\$0.2942		
		+••		
C&I Medium Annual/High Winter	Tariff Rate G 41:			
	Monthly Customer Charge	\$60.30	\$60.30	\$60.30
		\$0.4.47	* 0.4050	**
	All usage	\$0.1417	\$0.1650	\$0.5354
	LDAC	\$0.0233		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.3704		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
	Monthly Customer Charge	\$60.30	\$60.30	\$60.30
	First 1000 therms	\$0.1405	\$0.1638	\$0.4580
	All usage over 1000 therms	\$0.1073	\$0.1306	\$0.4248
	LDAC	\$0.0233		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.2942		
C&I High Annual/High Winter	Tariff Rate G 42:			
	Monthly Customer Charge	\$254.00	\$254.00	\$254.00
	menting easterner enange	<i><i><i>v</i>=000</i></i>	+=•	+=+
	All usage	\$0.1257	\$0.1490	\$0.5194
		\$0.0233	V 011100	<i>Q</i> OOOOOOOOOOOOO
	Gas Cost Adjustment:	\$0.0200		
	Cost of Gas	\$0.3704		
		1 1 7	1	
C&I High Annual/Low Winter	Tariff Rate G 52:			
	Monthly Customer Charge	\$254.00	\$254.00	\$254.00
		\$0.00 (0)	* 0.4470	*****
	All usage	\$0.0946	\$0.1179	\$0.4121
	LDAC	\$0.0233		
	Gas Cost Adjustment:			
	Cost of Gas	\$0.2942		

(1) Includes temporary rate adjustment of \$0.0293

Issued: March 15, 2012

Issued by: <u>hltclas</u> <u>Title: Treasurer</u>

Effective: With Service Rendered On and After May 1, 2012 Authorized by NHPUC Order No. , in Docket No. DG 12- , dated

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION SUMMER SEASON DELIVERY RATES

	Summer Season		Total
	May 2012 - October 2012	Tariff	Delivery Rates
	Way 2012 - October 2012	Rates (1)	
	T 1// D / T /0	Rales (1)	(Includes LDAC)
C&I Low Annual/High Winter	Tariff Rate T 40:		
	Monthly Customer Charge	\$18.70	\$18.70
	First 75 therms	\$0.3370	\$0.3603
	All usage over 75 therms	\$0.2300	\$0.2533
	LDAC	\$0.0233	
C&I Low Annual/Low Winter	Tariff Rate T 50:		
	Monthly Customer Charge	\$18.70	\$18.70
	First 75 therms	\$0.3311	\$0.3544
	All usage over 75 therms	\$0.2262	\$0.2495
	LDAC	\$0.0233	
C&I Medium Annual/High Winter	Tariff Rate T 41:		
	Monthly Customer Charge	\$60.30	\$60.30
	All usage	\$0.1417	\$0.1650
	LDAC	\$0.0233	
C&I Medium Annual/Low Winter	Tariff Rate T 51:		
	Monthly Customer Charge	\$60.30	\$60.30
	First 1000 therms	\$0.1405	\$0.1638
	All usage over 1000 therms	\$0.1073	\$0.1306
		+	
	LDAC	\$0.0233	
C&I High Annual/High Winter	Tariff Rate T 42:		
	Monthly Customer Charge	\$254.00	\$254.00
	All usage	\$0.1257	\$0.1490
	LDAC	\$0.0233	
C&I High Annual/Low Winter	Tariff Rate T 52:		
-	Monthly Customer Charge	\$254.00	\$254.00
	All usage	\$0.0946	\$0.1179
	LDAC	\$0.0233	
C&I Interruptible Transportation	Tariff Rate IT:		
	Monthly Customer Charge	\$170.21	\$170.21
	First 20,000 therms	\$0.0700	\$0.0700

(1) Includes temporary rate adjustment of \$0.0293

Issued: March 15, 2012 Effective: With Service Rendered On and After May 1, 2012 Authorized by NHPUC Order No. , in Docket No. DG 12- , dated Issued by: Title:

W24CROD

Treasurer

N.H.P.U.C No.10 NORTHERN UTILITIES, INC. Fiftieth Revised Page 38 Superseding Forty-nineth Revised Page 38

Anticipated Cost of Gas

	shire Division 1, 2012 - October 31, 20	12
(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:	•	
Demand Costs:	\$481,574	
Supply Costs:	\$1,495,238	
Storage & Peaking Gas:		
Demand, Capacity:	\$377,162	
Commodity Costs:	\$21,944	
Hedging (Gain)/Loss	\$171,582	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$0	
Capacity Release, Asset Management, PNGTS Cost	\$0	
Total Anticipated Direct Cost of Gas		<u>\$2,547,500</u>
ANTICIPATED INDIRECT COST OF GAS		
Adjustments:		
Prior Period Under/(Over) Collection	(\$151,792)	
Interest	\$0	
Refunds	(\$2,852)	
Interruptible Margins	\$0	(\$154 644)
Total Adjustments		(\$154,644)
Working Capital:	¢0 547 501	
Total Anticipated Direct Cost of Gas	\$2,547,501	
Working Capital Percentage	0.082%	
Working Capital Allowance	\$2,098	
Plus: Working Capital Reconciliation (Acct 182.11)	(\$978)	
Total Working Capital Allowance		\$1,120
Bad Debt:		
Projected Bad Debt	\$650,000	
Bad Debt Supply Portion (64%)	\$416,526	
Seasonal Bad Debt Portion (9%)	\$39,068	
Plus: Bad Debt Reconciliation (Acct 182.16)	(\$1,497)	
Total Bad Debt Allowance		\$379,392
Local Production and Storage Capacity		
Miscellaneous Overhead-20.69% Allocated to Summer Seasor	ו	\$85,176
Total Anticipated Indirect Cost of Gas		(\$30,776)
Total Cost of Gas	-	\$2,516,725
Issued: March 15, 2012	Issued By:	WZHCola

Authorized by NHPUC Order No. _____ in Docket No. DG 12-___, dated _____, 2012

N.H.P.U.C No.10 NORTHERN UTILITIES, INC.

Sixty-second Revised Page 39 Superseding Sixty-first Revised Page 39

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2012 - October 31, 2012

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (05/01/12-10/31/12) Direct Cost of Gas Rate	\$2,547,501 7,466,573	\$0.3412	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$858,736 \$ <u>1,688,765</u> \$2,547,501	\$0.1150 \$ <u>0.2262</u> \$0.3412	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (05/01/12-10/31/12) Indirect Cost of Gas	(\$30,776) 7,466,573	(\$0.0041)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.3371	per therm

ESIDENTIAL COST OF GAS RATE - 05/01/12	COGwr	\$0.3371	per therm
	Maximum (COG+25%)	\$0.4214	
DM/IND LOW WINTER USE COST OF GAS RATE - 05/01/12	COGwl	\$0.2942	per therm
	Maximum (COG+25%)	\$0.3678	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	\$127,347 (\$158)		
C&I HLF TOTAL ADJUSTED DEMAND COSTS C&I HLF PROJECTED PRORATED SALES (05/1/12-10/31/12) DEMAND COST OF GAS RATE	\$127,189 1,760,923 \$0.0722		
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY COSTS	\$398,135 \$3		
C&I HLF TOTAL ADJUSTED COMMODITY COSTS C&I HLF PROJECTED PRORATED SALES (05/1/12-10/31/12) COMMODITY COST OF GAS RATE	\$398,138 1,760,923 \$0.2261		
INDIRECT COST OF GAS	-\$0.0041		
TOTAL C&I HLF COST OF GAS RATE	\$0.2942		
DM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/12	COGwh	\$0.3704	per therm

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/12	COGwh	\$0.3704 per therm
	Maximum (COG+25%)	\$0.4630
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED DEMAND COSTS C&I LLF PROJECTED PRORATED SALES (05/01/12-10/31/12) DEMAND COST OF GAS RATE	\$336,362 (\$417) \$335,945 2,265,631 \$0,1483	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF C&I LLF TOTAL ADJUSTED COMMODITY COSTS C&I LLF PROJECTED PRORATED SALES (05/01/12-10/31/12) COMMODITY COST OF GAS RATE	\$512,490 <u>\$4</u> \$512,494 2,265,631 \$0.2262	
INDIRECT COST OF GAS	(\$0.0041)	
TOTAL C&I LLF COST OF GAS RATE	\$0.3704	
Issued: March 15, 2012 Effective Date: May 1, 2012	Issued By:	WZHColas Treasurer

Authorized by NHPUC Order No. ___, in Docket No. DG 12-___, dated ___, 2012.

Supplement No. 1 Fourth Fifth Revised Page 2 Superseding Third Fourth Revised Page 2

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON C&I RATES

November 2011-	Winter Summer Season April 2012 May 2012 - October 2012	Tai Rat		Total Delivery Rates (Includes LDAC)	<u>Total Billed Rates</u> Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate R 5: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$9.50 \$0.4395 \$0.3283 \$0.0440 \$1.2961	<u>\$0.3371</u>	\$9.50 \$0.4835 \$0.3723	\$9.50 <mark>\$1.7796 </mark>
C&I Low Annual/Low Winter	Tariff Rate R 10: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$3.80 \$0.1934 \$0.1489 \$0.0440 \$1.2961	<u>\$0.3371</u>	\$3.80 \$0.2374 \$0.1929	\$3.80 \$1.5335 <u>\$0.5745</u> \$1.4890 <u>\$0.5300</u>
Residential Non-Heating	Tariff Rate R 6: Bi-monthly Customer Charge First 20 therms All usage over 20 therms	\$19.00 \$0.4360 \$0.3375		\$19.00 \$0.4800 \$0.3815	\$19.00 \$ 1.7761 <u>\$0.8171</u> \$ 1.6776 <u>\$0.7186</u>
	Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$9.50 \$0.4360 \$0.3375 \$0.0440 \$1.2961	<u>\$0.3371</u>	\$9.50 \$0.4800 \$0.3815	\$9.50 \$1.7761 <u>\$0.8171</u> \$1.6776 <u>\$0.7186</u>
Residential Non-Heating Low Income	Tariff Rate R 11: Bi-monthly Customer Charge First 20 therms All usage over 20 therms Monthly Customer Charge First 10 therms	\$13.80 \$0.3377 \$0.2628 \$6.90 \$0.3377		\$13.80 \$0.3817 \$0.3068 \$6.90 \$0.3817	\$13.80 \$1.6778 <u>\$0.7188</u> \$1.6029 <u>\$0.6439</u> \$1.6778 \$0.7188
	All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$0.2628 \$0.0440 \$1.2961	<u>\$0.3371</u>	\$0.3068	\$1.6029 <u>\$0.6439</u>

(1) Includes temporary rate adjustment of \$0.0293

Issued: February 24, March 15, 2012 Issued by: Effective: With Service Rendered On and After March 1 May 1, 2012 Title:

WRACRES Treasurer

Authorized by NHPUC Order No. 25,282, in Docket No. DG 11-045, dated April 29, 2011.

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER SEASON C&I RATES

November 2011-	Winter-Summer Season April 2012 May 2012 - October 2012	Tariff Rates	Total Delivery Rates (Includes LDAC)	<u>Total Billed Rates</u> Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter	Tariff Rate G 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$18.70 \$0.3370 \$0.2300 \$0.0233 \$1.3290 <u>\$0.3704</u>	\$18.70 \$0.3603 \$0.2533	\$18.70 \$ 1.6893 <u>\$0.7307</u> \$1.5823 <u>\$0.6237</u>
C&I Low Annual/Low Winter	Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$18.70 \$0.3311 \$0.2262 \$0.0233 \$1.1356 <u>\$0.2942</u>	\$18.70 \$0.3544 \$0.2495	\$18.70 \$1.4900 <u>\$0.6486</u> \$ 1.3851 <u>\$0.5437</u>
C&I Medium Annual/High Winter	Tariff Rate G 41: Monthly Customer Charge All usage LDAC	\$60.30 \$0.2235 <u>\$0.1417</u> \$0.0233	\$60.30 \$0.2468 <u>\$0.1650</u>	\$60.30 \$1.5758 <u>\$0.5354</u>
	Gas Cost Adjustment: Cost of Gas	\$1.3290 <u>\$0.3704</u>		
C&I Medium Annual/Low Winter	Tariff Rate G 51: Monthly Customer Charge First 1300 1000 therms All usage over 1300 1000 therms LDAC Gas Cost Adjustment:	\$60.30 \$0.2155 \$0.1405 \$0.1760 \$0.1073 \$0.0233	\$60.30 \$0.2388 \$0.1638 \$0.1993 \$0.1306	\$60.30 \$ 1.3744 <u>\$0.4580</u> \$1.3349 <u>\$0.4248</u>
	Cost of Gas	\$1.1356 \$0.2942		
C&I High Annual/High Winter	Tariff Rate G 42: Monthly Customer Charge	\$254.00	\$254.00	\$254.00
	All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$0.2018 <u>\$0.1257</u> \$0.0233 \$1.3290 \$0.3704	\$ 0.2251 <u>\$0.1490</u>	\$ 1.5541 <u>\$0.5194</u>
C&I High Annual/Low Winter	<u>Tariff Rate G 52:</u> Monthly Customer Charge	\$254.00	\$254.00	\$254.00
	All usage LDAC Gas Cost Adjustment:	<mark>\$0.1555</mark> │	<mark>\$0.1788 <u>\$0.1179</u></mark>	\$1.3144 <u>\$0.4121</u>
	Cost of Gas	\$1.1356 <u>\$0.2942</u>		

(1) Includes temporary rate adjustment of \$0.0293

Issued: February 24, March 15, 2012 Iss Effective: With Service Rendered On and After March 1, May 1, 2012 Authorized by NHPUC Order No. , in Docket No. DG 12- dated

Issued by:

WZHColand Treasurer Title:

Supplement No. 1 First-Second Revised Page 4 Superseding Original First Revised Page 4

NORTHERN UTILITIES, INC. - NEW HAMPSHIRE DIVISION WINTER SUMMER SEASON DELIVERY RATES

Neverther 0011	Winter Summer Season		Total
November 2011-7	April 2012 May 2012 - October 2012	Tariff Rates (1)	Delivery Rates (Includes LDAC)
C&I Low Annual/High Winter	Tariff Rate T 40:		(
	Monthly Customer Charge	\$18.70	\$18.70
	First 75 therms	\$0.3370	\$0.3603
	All usage over 75 therms	\$0.2300	\$0.2533
	LDAC	\$0.0233	
C&I Low Annual/Low Winter	Tariff Rate T 50:		
	Monthly Customer Charge	\$18.70	\$18.70
	First 75 therms	\$0.3311	\$0.3544
	All usage over 75 therms	\$0.2262	\$0.2495
	LDAC	\$0.0233	
C&I Medium Annual/High Winter	Tariff Rate T 41:		
	Monthly Customer Charge	\$60.30	\$60.30
	All usage	\$0.2235<u></u> \$0.1417	\$0.2468
	LDAC	\$0.0233	
C&I Medium Annual/Low Winter	Tariff Rate T 51:		
	Monthly Customer Charge	\$60.30	\$60.30
	First 13001000 therms	\$0.2155	\$0.2388
	All usage over 1300 <u>1000</u> therms	\$0.1760	\$0.1993
	LDAC	\$0.0233	
C&I High Annual/High Winter	Tariff Rate T 42:		
	Monthly Customer Charge	\$254.00	\$254.00
	All usage	<u>\$0.2018 </u>	<mark>\$0.225</mark> 1
	LDAC	\$0.0233	
C&I High Annual/Low Winter	Tariff Rate T 52:		
-	Monthly Customer Charge	\$254.00	\$254.00
	All usage	\$0.1555 <u>\$0.0946</u>	<mark>\$0.1778</mark>
	LDAC	\$0.0233	
C&I Interruptible Transportation	Tariff Rate IT:		
	Monthly Customer Charge	\$170.21	\$170.21
	First 20,000 therms	\$0.1592	\$0.1592
	All usage over 20,000 therms	<u>\$0.1401 \$0.0640</u>	<mark>\$0.1401</mark>

(1) Includes temporary rate adjustment of \$0.0293

Issued: November 4, 2011 March 15, 2012 Effective: With Service Rendered On and After November 1, 2011 May 1, 2012 Authorized by NHPUC Order No. , in Docket No. DG 12- , dated N.H.P.U.C No.10 NORTHERN UTILITIES, INC. Forty-ninthFiftieth Revised Page 38 Superseding Forty-eighthnineth Revised Page 38

Anticipated Cost of Gas

(Col 1) (Col 2) (Col 3) ANTICIPATED DIRECT COST OF GAS Purchased Gas: \$ Demand Costs: Supply Costs: 	Period Covered: Ne	New Hampshire			tobe	r 31, 2012	
Purchased Gas: \$ -2,228,090 \$ 481,574 Demand Costs: \$ -7,429,043 \$ 1,495,238 Storage & Peaking Gas: \$ -7,429,043 \$ 377,162 Demand, Capacity: \$ -6,662,022 \$ 21,944 Hedging (Gain)/Loss \$ -7,03,444 \$ 171,582 Interruptible Included Above \$ - \$ - Social Release \$ -7,134 \$ - Capacity Release \$ - \$ - Attricipated Direct Cost of Gas \$ -28,809,546 \$ 2,547,501 Attricipated Direct Cost of Gas \$ -28,809,546 \$ 2,547,501 Attricipated Direct Cost of Gas \$ -28,809,546 \$ 2,547,501 Attricipated Inder(/Over) Collection \$ -74,698 \$ - NiHPUC Consultant Costs \$ -74,698 \$ - Interruptible Margins \$ - \$ (154,644) Working Capital Percentage \$ -28,099,546 \$ 2,547,501 Working Capital Allowance \$ - \$ (164,644) Working Capital Allowance \$ - \$ - Plus: Working Capital Allowance \$ - \$ - <t< th=""><th></th><th>· <u> </u></th><th></th><th></th><th></th><th></th><th>(Col 3)</th></t<>		· <u> </u>					(Col 3)
Demand Costs: \$ -2,228,979 \$ 1,495,238 Storage & Peaking Cas: \$ -7,429,043 \$ 1,495,238 Demand, Capacity: \$ -13,980,472 \$ 377,162 Commodity Costs: \$ -6,662,922 \$ 21,944 Hedging (Gain)/Loss \$ -703,414 \$ 171,582 Interruptible Included Above \$ - \$ - Inventory Finance Charge \$ -7,1434 \$ 2,547,501 Capacity Release \$ -(1,612,415) \$ - Total Anticipated Direct Cost of Gas \$ -2,8890,546 \$ 2,547,501 ANTICIPATED INDIRECT COST OF GAS \$ -1,648 \$ - Adjustments: \$ -74,688 \$ - - Prior Period Under/(Over) Collection \$ -73,628 \$ (151,792) \$ - NHPUC Consultant Costs \$ -74,688 \$ - - Interest \$ - \$ - - - Total Adjustments \$ - \$ - - - Working Capital Procentiage \$ - 2,9499,646 \$ 2,547,501 Working Capital Allowance \$ - 2,0493 \$ -<	ANTICIPATED DIRECT COST OF GAS						
Supply Costs: \$ -7,429,043 \$ 1,495,238 Storage & Peaking Gas: Demand, Capacity: \$ -377,162 Demand, Capacity: \$ -6,062,922 \$ 21,944 Hedging (Gain)/Loss \$ -703,414 \$ 171,582 Interruptible Included Above \$ -7,134 \$ -703,414 \$ 171,582 Interruptible Included Above \$ -7,134 \$ -703,414 \$ 171,582 Interruptible Included Direct Cost of Gas \$ -7,134 \$ -703,414 \$ 171,582 Anticipated Direct Cost of Gas \$ -28,899,546 \$ 2,547,501 ANTICIPATED INDIRECT COST OF GAS \$ -28,899,546 \$ 2,547,501 Adjustments: \$ -71,698 \$ -1,045,326 \$ (154,644) Working Capital \$ -28,899,546 \$ 2,547,501 \$ -1,045,326 \$ (154,644) Working Capital Precentage \$ -28,899,546 \$ 2,547,501 \$ -1,045,326 \$ (154,644) Working Capital Precentage \$ -28,899,546 \$ 2,547,501 \$ -1,045,326 \$ (154,644) Working Capital Allowance \$ -28,899,546 \$ 2,547,501 \$ -1,045,326 \$ (154,644) Working Capital Precentage \$ 0,082% \$ 0,082% \$ 0,082% <td< th=""><th></th><th>• • • • • • • • • • • • • • • • • • •</th><th>•</th><th>101 571</th><th></th><th></th><th></th></td<>		• • • • • • • • • • • • • • • • • • •	•	101 571			
Storage & Peaking Gas: Demand, Capacity: Commodity Costs: \$ 13,980,472 \$ 21,944 Hedging (Gain)/Loss \$ -703,414 \$ 171,582 Interruptible Included Above \$ -703,414 \$ 171,582 Interruptible Included Above \$ -703,414 \$ 171,582 Interruptible Included Above \$ -71,31 Capacity Release \$ -71,31 Capacity Release \$ -1,612,415 Total Anticipated Direct Cost of Gas \$ -28,899,546 \$ 2,547,501 ANTICIPATED INDIRECT COST OF GAS \$ -1,046,326 \$ (151,792) Adjustments: \$ -71,688 \$ (2,852) Prior Period Under/(Over) Collection \$ -74,686 \$ (2,852) Interset \$ - 5 Refunds \$ - 5 Interset \$ - 6,062,925 \$ (154,644) Working Capital \$ - 28,899,546 \$ 2,547,501 Working Capital Procentage \$ - 0,082% Working Capital Procentage \$ - 0,082% Working Capital Procentage \$ - 0,082% Working Capital Reconciliation (Acct 182,11) \$ - 2,547,501 Bad Debt \$ - 0,082% \$ - 0,082% Working Capital Procentage \$ - 0,082% \$ - 0,082% Working Capital Allowance \$ - 0,082% \$ -		+ _,,					
Definition \$ -13,860,472 \$ 377,162 Commodity Costs: \$ -6,062,922 \$ 21,944 Hedging (Gain)Loss \$ -703,414 \$ 171,582 Interruptible Included Above \$ -7,431 Capacity Release \$ -7,431 Capacity Release \$ -7,431 Capacity Release \$ -7,431 ANTICIPATED INDIRECT COST OF GAS Adjustments: Prior Period Under/(Over) Collection \$ 973,628 \$ (151,792) NHPUC Consultant Costs \$ -71,698 \$ (2,852) Retunds \$ -71,698 \$ (15,792) NHPUC Consultant Costs \$ -71,698 \$ (15,792) NHPUC Consultant Costs \$ -71,698 \$ (15,792) NHPUC Consultant Costs \$ -71,698 \$ (15,792) Interruptible Margins \$ (2,852) \$ 1,045,326 \$ (154,644) Working Capital E \$ (2,852) \$ (1,644) \$ (1,644) Working Capital Allowance \$ (2,852) \$ (1,644) \$ (1,644) Projected Bad Debt \$ (1,642,415) \$ (1,644) \$ (1,644) Working Capital Allowance \$ (2,852) \$ (2,875,501 \$ (1,644) <tr< td=""><td>,</td><td>¢ ,c,</td><td>•</td><td>1,100,200</td><td></td><td></td><td></td></tr<>	,	¢ ,c,	•	1,100,200			
Hedging (Gain)/Loss \$ 709,414 \$ 171,582 Interruptible Included Above \$ \$ Inventory Finance Charge \$ - 7,131 \$ Capacity Release \$ - (1,612,415) \$ Total Anticipated Direct Cost of Gas \$ - 28,899,546 \$ 2,547,501 ANTICIPATED INDIRECT COST OF GAS Adjustments: \$ - 71,698 \$ (151,792) Prior Period Under/(Over) Collection \$ - 71,698 \$ (151,792) \$ NHPUC Consultant Costs \$ - 71,698 \$ (151,792) \$ Interruptible Margins \$ - 28,899,546 \$ (2,852) \$ Retunds \$ \$ \$ Interruptible Margins \$ \$ \$ Total Adjustments \$ \$ \$ Working Capital \$ \$ \$ Total Adjustments \$ \$ \$ Working Capital Percentage \$ \$ \$ Working Capital Allowance \$ \$ \$ Projected Bad Debt \$ \$ \$<		\$ 13,980,472	\$	377,162			
Interruptible Included Above \$ \$ \$ Inventory Finance Charge \$ 7,131 \$ Capacity Release \$ (1,612,415) \$ 28,899,546 \$ 2,547,501 ANTICIPATED INDIRECT COST OF GAS Adjustments: \$ 973,628 \$ (151,792) \$ \$ 2,547,501 Prior Period Under/(Over) Collection \$ 973,628 \$ (151,792) \$ \$ 1,045,326 \$ (154,644) Working Capital \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ <t< td=""><td>Commodity Costs:</td><td>\$ 6,062,922</td><td>\$</td><td>21,944</td><td></td><td></td><td></td></t<>	Commodity Costs:	\$ 6,062,922	\$	21,944			
Inventory Finance Charge \$ 7,131 Capacity Release \$ 7,131 Capacity Rele	Hedging (Gain)/Loss	\$ 	\$	171,582			
Capacity Release \$_(1,612,415) Total Anticipated Direct Cost of Gas \$_28,899,546 \$_2,547,501 ANTICIPATED INDIRECT COST OF GAS Adjustments: Prior Period Under/(Over) Collection \$_973,628 \$_(151,792) NHPUC Consultant Costs \$_71,698 \$_2,282) Interruptible Margins \$_28,899,546 \$_2,547,501 Vorking Capital \$_28,899,546 \$_2,547,501 Working Capital Percentage \$_0,082% \$_2,3413 \$_2,098 Vorking Capital Allowance \$_28,899,546 \$_2,547,501 Total Motiving Capital Allowance \$_28,899,546 \$_2,247,501 Plus: Working Capital Allowance \$_28,899,546 \$_2,247,501 Plus: Working Capital Allowance \$_1,045,326 \$_0,0052% \$_2,3413 \$_2,098 Plus: Working Capital Allowance \$_1,120 Bad Debt \$_377,457 \$_39,068 \$_16,526 \$_377,457 \$_39,068 \$_2,37,571 Bad Debt Supply Portion (64%) \$_377,457 \$_39,068 \$_16,396 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_21,939 \$_2	Interruptible Included Above	\$	\$	-			
Total Anticipated Direct Cost of Gas\$28,899,546 \$ 2,547,501ANTICIPATED INDIRECT COST OF GASAdjustments:Prior Period Under/(Over) Collection\$973,628 \$ (151,792)NHPUC Consultant Costs\$71,698 \$	Inventory Finance Charge	\$7,13 1					
ANTICIPATED INDIRECT COST OF GAS Adjustments: Prior Period Under/(Over) Collection \$973,628 \$ (151,792) NHPUC Consultant Costs \$71,688 \$ Interest \$2,852) Refunds \$2,252 Refunds \$2,2547,501 Working Capital Percentage <u>0.082%</u> <u>0.082%</u> Working Capital Percentage <u>0.082%</u> <u>0.082%</u> Working Capital Allowance <u>\$28,899,546</u> \$ 2,547,501 Working Capital Allowance <u>\$28,899,546</u> \$ 2,547,501 Working Capital Allowance <u>\$28,899,546</u> \$ 2,098 Plus: Working Capital Allowance <u>\$28,899,546</u> \$ 2,098 Plus: Bad Debt Portion (Acct 182.11) <u>\$377,457</u> \$ 2,098 Plus: Bad Debt Portion (91%) Projected Bad Debt Portion (91%) <u>\$377,457</u> \$ 39,068 Plus: Bad Debt Reconciliation (Acct 182.16) <u>\$1,935</u> \$ (1,497) Total Bad Debt Reconciliation (Acct 182.16) <u>\$377,457</u> \$ 39,068 Plus: Bad Debt Reconciliation (Acct 182.16) <u>\$349,700</u> \$ - Miscellaneous Overhead- 79,34 20,69% Allocated to Winter Season <u>\$349,601</u> \$ 85,176 Total Anticipated Indirect Cost of Gas (30,776)	Capacity Release	<u>\$ (1,612,415</u>)					
Adjustments: Prior Period Under/(Over) Collection \$ 973,628 \$ (151,792) NHPUC Consultant Costs \$ 71,698 \$ - Interest \$ (2,852) Refunds \$ - Total Adjustments \$ (2,852) Vorking Capital: \$ - Total Anticipated Direct Cost of Gas \$ 22,899,646 \$ 2,547,501 Working Capital: \$ 0,082% 0,082% Working Capital Percentage \$ 0,082% 0,082% Working Capital Allowance \$ - \$ (11,415) \$ 1,120 Bad Debt: \$ 650,000 \$ 416,526 \$ (14,475) \$ 1,120 Bad Debt: \$ 20,981 \$ - \$ 377,467 \$ 39,088 \$ - Projected Bad Debt \$ 650,000 \$ 416,526 \$ 37,571 \$ - Bad Debt Supply Portion (64%) \$ 377,467 \$ 39,088 \$ - 37,571 Local Production and Storage Capacity \$ 349,601 \$ - \$ - Miscellaneous Overhead - 79.31 20,69% Allocated to Winter Season \$ - 349,700 \$ - Total Anticipated Indirect Cost of Gas \$ - 0,412,605 \$ (30,776) \$ - 0,412,605 \$ (30,776) <td>Total Anticipated Direct Cost of Gas</td> <td></td> <td></td> <td></td> <td>\$—</td> <td></td> <td>\$ 2,547,501</td>	Total Anticipated Direct Cost of Gas				\$ —		\$ 2,547,501
Adjustments: Prior Period Under/(Over) Collection \$ -73,628 \$ (151,792) NHPUC Consultant Costs \$ -71,698 \$ - Interest \$ (2,852) Refunds \$ - Refunds \$ - \$ (2,852) Refunds \$ - Total Adjustments \$ (2,852) \$ - \$ (154,644) Working Capital: \$ - \$ - \$ - 1,045,326 \$ (154,644) Working Capital Percentage 0.082% 0.082% 0.082% 0.082% 0.082% Working Capital Allowance \$ - 23,849,546 \$ 2,547,501 1,120 Bad Debt: \$ - (11,415) \$ 1,120 Bad Debt: \$ - (11,415) \$ 1,120 Bad Debt \$ - (14,97) \$ 1,120 Bad Debt \$ - (14,97) \$ - Projected Bad Debt \$ 650,000 \$ 416,526 \$ - Seasonal Bad Debt Portion (91%) \$ - 377,467 \$ 39,088 \$ - Plus: Bad Debt Reconciliation (Acct 182.16) \$ - 379,392 \$ 37,571 Local Production and Storage Capacity \$ - <	ANTICIPATED INDIRECT COST OF GAS						
NHPUC Consultant Costs71,698\$7Interest\$\$\$\$Refunds\$\$\$\$Interruptible Margins\$\$\$\$Total Adjustments\$\$\$\$\$Working Capital*\$\$\$\$\$Morking Capital Percentage\$\$\$\$\$\$\$Working Capital Allowance\$\$\$\$\$\$\$\$\$\$Plus: Working Capital Allowance\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	Adjustments:						
Interest \$ \$ (2,852) Refunds \$ \$ - Interruptible Margins \$ - \$ Total Adjustments \$ - \$ - Working Capital: * - \$ - Total Anticipated Direct Cost of Gas \$ -28,899,546 \$ 2,547,501 Working Capital Percentage 0.082% 0.082% 0.082% \$ 0.082% Working Capital Allowance \$ 23,813 \$ 2,098 \$ 1,120 Bad Debt: * Total Adjustry Ortion (Acct 182.11) \$ (14,415) \$ 1,120 Bad Debt * * 650,000 \$ 416,526 \$ 1,120 Bad Debt Supply Portion (64%) \$ 377,457 \$ 39,068 \$ 1,120 Seasonal Bad Debt Portion (91%) \$ 377,457 \$ 39,068 \$ - Plus: Bad Debt Allowance * \$ 349,700 \$ - - Local Production and Storage Capacity \$ \$		+		(151,792)			
Refunds\$\$\$Interruptible Margins\$\$\$Total Adjustments\$\$1,045,326 \$(154,644)Working Capital:\$\$1,045,326 \$(154,644)Working Capital Percentage\$0,082%0,082%(0,082%)(0,082%)Working Capital Allowance\$23,813 \$2,098(11,415) \$1,120Bad Debt:\$(35,228) \$(978)1,1201,120Bad Debt:\$\$650,000\$416,526Projected Bad Debt\$\$650,000\$416,526Seasonal Bad Debt Portion (91%)\$377,457\$39,068Plus: Bad Debt Reconciliation (Acct 182.16)\$(1,497)\$379,392\$Total Bad Debt Allowance\$349,601\$\$436,176Local Production and Storage Capacity\$349,601\$\$\$Miscellaneous Overhead- 79.31 20,69% Allocated to Winter Season\$2,112,605\$(30,776)		\$ <u> </u>		- (2.852)			
Total Adjustments\$ 1,045,326 \$ (154,644)Working Capital: Total Anticipated Direct Cost of Gas\$ 28,899,546 \$ 2,547,501 \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\% \$ 0.082\%	Refunds	\$	\$	-			
Working Capital: Total Anticipated Direct Cost of Gas\$ 28,899,546\$ 2,547,501Working Capital Percentage Working Capital Allowance\$ 0.082% \$ 23,813\$ 2,098Plus: Working Capital Allowance\$ (11,415)\$ 1,120Bad Debt:\$ (35,228)\$ (978)Projected Bad Debt Bad Debt Supply Portion (64%) Seasonal Bad Debt Portion (91%)\$ (35,77457)\$ (35,000)Plus: Bad Debt Reconciliation (Acct 182.16)\$ (377,457)\$ (14,497)Total Bad Debt Allowance\$ (11,415)\$ (14,977)Total Bad Debt Allowance\$ (11,497)\$ (37,571)Local Production and Storage Capacity\$ (349,700)\$ -Miscellaneous Overhead- 79.3120,69% Allocated to Winter Season\$ (30,776)	Interruptible Margins	<u>\$</u>	<u>\$</u>	-			
Total Anticipated Direct Cost of Gas\$ 28,899,546\$ 2,547,501Working Capital Percentage0.082%0.082%Working Capital Allowance\$ 23,813\$ 2,098Plus: Working Capital Reconciliation (Acct 182.11)\$ (35,228)\$ (978)Total Working Capital Allowance\$ (11,415)\$ 1,120Bad Debt:\$ (650,000\$ 416,526Bad Debt Supply Portion (64%)\$ 377,457\$ 39,068Plus: Bad Debt Reconciliation (Acct 182.16)\$ 1,935\$ (1.497)Total Bad Debt Allowance\$ 349,700\$ -Local Production and Storage Capacity\$ 349,700\$ -Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season\$ 2,112,605\$ (30,776)	Total Adjustments				\$ —	1,045,326	\$ (154,644)
Working Capital Percentage Working Capital Allowance0.082% \$ 23,8130.082% \$ 2,098Plus: Working Capital Reconciliation (Acct 182.11)\$ 23,813\$ 2,098Total Working Capital Allowance\$ (35,228)\$ (978)Total Working Capital Allowance\$ (11,415)\$ 1,120Bad Debt:\$ (650,000\$ 416,526Bad Debt Supply Portion (64%) Seasonal Bad Debt Portion (91%)\$ 377,457\$ 39,068Plus: Bad Debt Reconciliation (Acct 182.16)\$ (1,497)\$ 379,392\$ 37,571Local Production and Storage Capacity\$ 349,700\$ -Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season\$ 349,601\$ 85,176Total Anticipated Indirect Cost of Gas\$ (30,776)\$ (30,776)		• • • • • • • • • • • •	•	0.547.504			
Working Capital Allowance\$ 23,813\$ 2,098Plus: Working Capital Reconciliation (Acct 182.11)\$ (35,229)\$ (978)Total Working Capital Allowance\$ (11,415)\$ 1,120Bad Debt:Projected Bad Debt\$ 650,000\$ 416,526Bad Debt Supply Portion (64%)\$ 377,457\$ 39,068Plus: Bad Debt Reconciliation (Acct 182.16)\$ 1,935\$ (1.497)Total Bad Debt Allowance\$ 379,392\$ 37,571Local Production and Storage Capacity\$ 349,700\$ - \$ 349,601Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season\$ 2,112,605\$ (30,776)	•	+ -//	\$				
Plus: Working Capital Reconciliation (Acct 182.11)\$ (35,228) \$ (978)Total Working Capital Allowance\$ (11,415) \$ 1,120Bad Debt:Projected Bad Debt Bad Debt Supply Portion (64%) Seasonal Bad Debt Portion (91%) Plus: Bad Debt Reconciliation (Acct 182.16)\$ 650,000 \$ 377,457 \$ 39,068 \$ (1,497)Total Bad Debt Allowance\$ 650,000 \$ 377,457 \$ 39,068 \$ (1,497)\$ 379,392 \$ 379,392 \$ 37,571Local Production and Storage Capacity\$ 349,700 \$ - \$ 349,601 \$ 85,176\$ 349,601 \$ 85,176Total Anticipated Indirect Cost of Gas\$ 2,112,605 \$ (30,776)			\$				
Bad Debt: Projected Bad Debt Bad Debt Supply Portion (64%) Seasonal Bad Debt Portion (91%) Plus: Bad Debt Reconciliation (Acct 182.16) Total Bad Debt Allowance \$ 650,000 \$ 416,526 \$ 39,068 \$ (1.497) Local Production and Storage Capacity \$ 379,392 \$ 37,571 Local Production and Storage Capacity \$ 349,700 \$ 349,700 \$ 349,601 \$ 85,176 Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season \$ 349,601 \$ 2,112,605 \$ (30,776)		+ -/					
Projected Bad Debt \$ 650,000 Bad Debt Supply Portion (64%) \$ 416,526 Seasonal Bad Debt Portion (91%) \$ 377,457 Plus: Bad Debt Reconciliation (Acct 182.16) \$ 1,935 Total Bad Debt Allowance \$ 349,700 Local Production and Storage Capacity \$ 349,700 Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season \$ 349,601 Total Anticipated Indirect Cost of Gas \$ 2,112,605	Total Working Capital Allowance				\$	(11,415)	\$ 1,120
Bad Debt Supply Portion (64%) \$ 416,526 Seasonal Bad Debt Portion (91%) \$ 377,457 Plus: Bad Debt Reconciliation (Acct 182.16) \$ 1,935 Total Bad Debt Allowance \$ 379,392 Local Production and Storage Capacity \$ 349,700 Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season \$ 349,601 Total Anticipated Indirect Cost of Gas \$ 2,112,605	Bad Debt:						
Seasonal Bad Debt Portion (91%) \$ 377,457 \$ 39.068 Plus: Bad Debt Reconciliation (Acct 182.16) \$ 1,935 \$ (1.497) Total Bad Debt Allowance \$ 379,392 \$ 37,571 Local Production and Storage Capacity \$ 349,700 \$ - Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season \$ 349,601 \$ 85,176 Total Anticipated Indirect Cost of Gas \$ 2,112,605 \$ (30,776)	Projected Bad Debt		\$	650,000			
Plus: Bad Debt Reconciliation (Acct 182.16)\$ 1,935\$ (1.497)Total Bad Debt Allowance\$ 379,392\$ 37,571Local Production and Storage Capacity\$ 349,700\$ -Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season\$ 349,601\$ 85,176Total Anticipated Indirect Cost of Gas\$ 2,112,605\$ (30,776)			\$	416,526			
Total Bad Debt Allowance\$ 379,392\$ 37,571Local Production and Storage Capacity\$ 349,700\$ -Miscellaneous Overhead- 79.31 20.69% Allocated to Winter Season\$ 349,601\$ 85,176Total Anticipated Indirect Cost of Gas\$ 2,112,605\$ (30,776)	()	\$ 377,457	_				
Miscellaneous Overhead- 79.31 20.69 Allocated to Winter Season \$ 349,601 \$ 85,176 Total Anticipated Indirect Cost of Gas \$ 2,112,605 \$ (30,776)		\$ 1,935	<u> </u>	(1,497)	\$	379,392	\$ 37,571
Miscellaneous Overhead- 79.31 20.69 Allocated to Winter Season \$ 349,601 \$ 85,176 Total Anticipated Indirect Cost of Gas \$ 2,112,605 \$ (30,776)	Local Production and Storage Capacity				\$	<u> </u>	\$ -
		Winter Season			<u>\$</u>	<u> </u>	\$ 85,176
Total Cost of Gas \$ 31,012,151 \$ 2,516,725	Total Anticipated Indirect Cost of Gas				\$	2,112,605	\$ (30,776)
	Total Cost of Gas				\$	31,012,151	\$ 2,516,725

Issued: November 4, 2011<u>March 15, 2012</u> Effective Date: November 1, 2011<u>May 1, 2012</u> Issued By:

Treasurer

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2011 May 1, 2012 - April 30October 31, 2012

		10001011				
(Col 1)		(Col 2)		(Col 3)		
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/11-04/30/12-05/01/12 - 10/31/12) Direct Cost of Gas Rate	\$28,899,546 	<u>\$2,547,501</u> 7,466,573	\$1.0100	\$0.3412	per therm	
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$14,697,036 \$14,202,510 \$28,899,546	<u>\$858,736</u> <u>\$1,688,765</u> <u>\$2,547,501</u>	\$0.5136 \$0.4963 \$1.0099	<u>\$0.1150</u> <u>\$0.2262</u> \$0.3412	per therm per therm per therm	
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/11-04/30/12-05/01/12 - 10/31/12) Indirect Cost of Gas	\$ 2,112,605 28,614,458	<u>(\$30,776)</u> 7,466,573	\$0.0738	<u>(\$0.0041)</u>	per therm	
TOTAL PERIOD AVERAGE COST OF GAS			\$1.0837	<u>\$0.3371</u>	per therm	
Period Ending Under-collection as determined on 12/22/11 PROJECTED SALES (01/01/12 - 04/30/12) PER UNIT CHANGE IN COST OF GAS (01/01/12 - 04/30/12)	\$1,413,303 19,551,177 \$ 0.0723					
Period Ending Under-collection as determined on 2/23/12 PROJECTED SALES (03/01/12 - 04/30/12) PER UNIT CHANGE IN COST OF GAS (03/01/12 - 04/30/12)	<u>\$1.115.973</u> <u>7,962,551</u> <u>\$0.1402</u>					

ESIDENTIAL COST OF GAS RATE - 03/01/12 05/01/12	COGwr	<u>\$1.2961</u>	\$0.3371	per therm
	Maximum (COG+25%)	\$1.3546	<u>\$0.4213</u>	
RESIDENTIAL COST OF GAS RATE - 11/01/11			\$ 1.0837	
CHANGE IN PER UNIT COST			\$ 0.0723	
RESIDENTIAL COST OF GAS RATE - 012/01/12			\$ 1.1560	
CHANGE IN PER UNIT COST			<u>\$ 0.1402</u>	
RESIDENTIAL COST OF GAS RATE - 03/01/12			\$ 1.2961	

DM/IND LOW WINTER USE COST OF GAS RATE - 03/01/12 05/01/12	COGwl	\$1.1356	<u>\$0.2942</u>	per therm
	Maximum (COG+25%)	\$1.1540	<u>\$0.3678</u>	
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/11			\$ 0.9232	
CHANGE IN PER UNIT COST			\$ 0.0723	
COM/IND LOW WINTER USE COST OF GAS RATE - 01/01/12			\$ 0.9955	
CHANGE IN PER UNIT COST			<u>\$ 0.1402</u>	
COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/12			<u>\$ 1.1356</u>	
C&I HLF Demand Costs Allocated per SMBA	<u>\$127,347</u>			
PLUS: Residential Demand Relocation to C&I HLF	<u>(\$158)</u>			
C&I HLF Total Adjusted Demand Costs	\$127,189			
C&I HLF Projected Prorated Sales (05/01/12-10/31/12)	<u>1,760,923</u>			
Demand Cost of Gas Rate	<u>\$0.0722</u>			
C&I HLF Commodity Costs Allocated per SMBA	<u>\$398,135</u>			
PLUS: Residential Commodity Reallocation to C&I HLF	\$3			
C&I HLF Total Adjusted Commodity Costs	<u>\$398,138</u>			
C&I HLF Projected Prorated Sales (05/01/12-10/31/12)	<u>1,760,923</u>			
Commodity Cost of Gas Rate	<u>\$0.2261</u>			
Indirect Cost of Gas	(\$0.0041)			
Total C&I HLF Cost of Gas Rate	<u>\$0.2942</u>			

//IND HIGH WINTER USE COST OF GAS RATE - 03/01/12 05/01/12	COGwh	<u>\$1.3290</u>	\$0.3704	per therm
	Maximum (COG+25%)	\$1.3958	<u>\$0.4630</u>	
COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/11			\$ 1.1166	
CHANGE IN PER UNIT COST			\$ 0.0723	
COM/IND HIGH WINTER USE COST OF GAS RATE - 01/01/12			\$ 1.1889	
CHANGE IN PER UNIT COST			<u>\$ 0.1402</u>	
COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/12			<u>\$ 1.3290</u>	
-	\$336,362			
PLUS: Residential Demand Relocation to C&I LLF	<u>(\$417)</u>			
C&I LLF Total Adjusted Demand Costs	<u>\$335,945</u>			
C&I LLF Projected Prorated Sales (05/01/12-10/31/12)	2,265,631			
Demand Cost of Gas Rate	<u>\$0.1483</u>			
C&I LLF Commodity Costs Allocated per SMBA	<u>\$512,490</u>			
PLUS: Residential Commodity Reallocation to C&I LLF	<u>\$4</u>			
C&I LLF Total Adjusted Commodity Costs	\$512,494			
C&I LLF Projected Prorated Sales (05/01/12-10/31/12)	<u>2,265,631</u>			
Commodity Cost of Gas Rate	<u>\$0.2262</u>			
Indirect Cost of Gas	<u>(\$0.0041)</u>			
Total C&I HLF Cost of Gas Rate	<u>\$0.3704</u>			