# Northern Utilities, Inc.

# **New Hampshire Division**

## REVISED 2012/2013 WINTER SEASON PROPOSED COST OF GAS ADJUSTMENT

TO BE EFFECTIVE NOVEMBER 1, 2012

FILED OCTOBER 12, 2012



Fifty-first Revised Page 38 Superseding Fiftieth Revised Page 38

### **Anticipated Cost of Gas**

	Hampshire Division ovember 1, 2012 - April 3(	), 2013
(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas: Demand Costs:	\$2,385,180	
Supply Costs:	\$9,365,605	
Storage & Peaking Gas:		
Demand, Capacity:	\$11,638,072	
Commodity Costs:	\$3,182,658	
Hedging (Gain)/Loss	\$400,309	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$4,654	
Capacity Release, Asset Management, PNGTS Cost	(\$2,180,758)	
Total Anticipated Direct Cost of Gas		<u>\$24,795,720</u>
		<u> </u>
ANTICIPATED INDIRECT COST OF GAS		
Adjustments: Prior Period Under/(Over) Collection	(\$3,105,739)	
Interest	(\$0,103,703) (\$11,369)	
Refunds	(\$168,825)	
Interruptible Margins	\$0	
Total Adjustments		(\$3,285,933)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$24,795,720	
Working Capital Percentage	0.082%	
Working Capital Allowance	\$20,423	
Plus: Working Capital Reconciliation (Acct 182.11)	(\$9,592)	
Total Working Capital Allowance		\$10,831
Bad Debt:		
Bad Debt: Bad Debt Allowance	\$271,636	
	\$271,636 (\$142,934)	
Bad Debt Allowance		\$128,702
Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 182.16)		
Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 182.16) Total Bad Debt Allowance	(\$142,934)	\$128,702 \$307,762 \$321,744
Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 182.16) Total Bad Debt Allowance Local Production and Storage Capacity	(\$142,934)	\$307,762

Issued: October 12, 2012 Issued By: Effective Date: November 1, 2012 Treasurer

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

Sixty-seventh Revised Page 39 Superseding Sixty-sixth Revised Page 39

#### CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2012 - April 30, 2013

(Col 1)	(Col 2)	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/12- 04/30/13) Direct Cost of Gas Rate	\$24,795,720 27,305,924	\$0.9081	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Total Direct Cost of Gas Rate	\$11,842,494 \$1 <u>2,953,226</u> \$24,795,720	\$0.4337 \$ <u>0.4744</u> <b>\$0.9081</b>	per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/12- 04/30/13) Indirect Cost of Gas	(\$2,516,894) 27,305,924	(\$0.0922)	per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.8159	per therm

RESIDENTIAL COST OF GAS RATE - 11/01/12 COGwr \$0.8159 per therm		Maximum (COG + 25%)	\$1.0100
	RESIDENTIAL COST OF GAS RATE - 11/01/12	COGwr	\$0.8159 per therm

Maximum (COG+25%)

\$1.0199

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/12	COGwl	\$0.7507 per therm
	Maximum (COG+25%)	\$0.9384
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$720,765	
PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	\$15,939	
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$736,704	
C&I HLF PROJECTED PRORATED SALES (11/1/12-04/30/13)	2,179,467	
DEMAND COST OF GAS RATE	\$0.3380	
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,103,662	
PLUS: RESIDENTIAL COMMODITY COSTS	(\$3,272)	
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,100,390	
C&I HLF PROJECTED PRORATED SALES (11/01/12-04/30/13)	2,179,467	
COMMODITY COST OF GAS RATE	\$0.5049	
INDIRECT COST OF GAS	(\$0.0922)	
TOTAL C&I HLF COST OF GAS RATE	\$0.7507	

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12	COGwh	\$0.8279 per therm
	Maximum (COG+25%)	\$1.0349
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	\$5,204,304 \$115,087	
C&I LLF TOTAL ADJUSTED DEMAND COSTS C&I LLF PROJECTED PRORATED SALES (11/01/12-04/30/13) DEMAND COST OF GAS RATE	\$5,319,391 11,784,423 <b>\$0.4514</b>	
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 (11/1/12-04/30/13) COMMODITY COST OF GAS RATE	\$5,540,143 (\$16,423) \$5,523,719 11,784,423 \$ <b>0,4687</b>	
INDIRECT COST OF GAS	(\$0.0922)	
TOTAL C&I LLF COST OF GAS RATE	\$0.8279	
Issued: October 12, 2012 Effective Date: November 1, 2012 Authorized by NHPUC Order No, in Docket No. DG 12, dated	Issued By:	WLH Colos Treasurer

### Local Delivery Adjustment Clause

Rate Schedule	RLIARA	DSM	ERC	ITM	RCE	RPC	LDAC
	• • • • • •	• • • • • •		• • • • • • •	•••••		<b>•</b> • • • • • •
Residential Heating	\$0.0104	\$0.0403	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0720
<b>Residential Non-Heating</b>	\$0.0104	\$0.0403	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0720
Small C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0435
Medium C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0435
Large C&I	\$0.0104	\$0.0118	\$0.0044	\$0.0000	\$0.0046	\$0.0123	\$0.0435
No Previous Sales Service							

Issued: October 12, 2012 Effective: With Service Rendered On and After November 1, 2012

N24Clas Issued by:

Authorized by NHPUC Order No. in Docket No., dated

Title:

### Fifty-seventh Revised Page 94 Superceding Fifty-sixth Page 94

### NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION WINTER SEASON RESIDENTIAL RATES

	Winter Season		Total	Total Bille	d Rates
	November 2012 - April 2013	Tariff	<b>Delivery Rates</b>	Tariff Rate	s, LDAC
		Rates	(Includes LDAC)	Plus Cost of Gas	
Residential Heating	Tariff Rate R 5:				
	Monthly Customer Charge	\$13.73	\$13.73		\$13.73
	First 50 therms	\$0.4410	\$0.5130	\$1.3289	
	All usage over 50 therms	\$0.3829	\$0.4549	\$1.2708	
	LDAC	\$0.0720			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.8159			
Residential Heating	Tariff Rate R 10:				
Low Income	Monthly Customer Charge	\$5.50	\$5.50		\$5.50
Low income	First 50 therms	\$0.1764	\$0.2484	\$1.0643	<b>\$5.50</b>
		\$0.1784 \$0.1532	\$0.2464 \$0.2252	\$1.0643 \$1.0411	
	All usage over 50 therms LDAC	\$0.0720	<b>#U.ZZ</b> JZ	<b>φ1.0411</b>	
	Gas Cost Adjustment:	<b>Φ</b> 0.0720			
	Cost of Gas	\$0.8159			
	Cost of Gas	\$0.0133			
Residential Non-Heating	Tariff Rate R 6:				
	Monthly Customer Charge	\$13.73	\$13.73		\$13.73
	First 10 therms	\$0.3296	\$0.4016	\$1.2175	
	All usage over 10 therms	\$0.3296	\$0.4016	\$1.2175	
	LDAC	\$0.0720			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.8159			
		-1			
Residential Non-Heating	Tariff Rate R 11:		_		
Low Income	Monthly Customer Charge	\$9.98	\$9.98	•	\$9.98
	First 10 therms	\$0.2499	\$0.3219	\$1.1378	
	All usage over 10 therms	\$0.2499	\$0.3219	\$1.1378	
	LDAC	\$0.0720			
	Gas Cost Adjustment:				
	Cost of Gas	\$0.8159			

Issued: October 12, 2012	Issued by:		Willacles
Effective: With Service Rendered On and After November 1, 2012		Title:	Treasurer
Authorized by NHPUC Order No in Docket No. DG	, dated	, 2012	

### NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

WINTER SEASON RESIDENTIAL RATES

	Winter Season		Total	Total Billed Rates
	November 2012 - April 2013	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	\$31.40	\$31.40	\$31.40
	First 75 therms	\$0.2701	\$0.3136	\$1.1415
	All usage over 75 therms	\$0.2226	\$0.2661	\$1.0940
	LDAC	\$0.0435	+••·	<b>**</b>
	Gas Cost Adjustment:	φ0.0400		
	Cost of Gas	\$0.8279		
C&I Low Annual/Low Winter	Tariff Rate G 50:			
	Monthly Customer Charge	\$31.40	\$31.40	\$31.40
	First 75 therms	\$0.2701	\$0.3136	\$1.0643
	All usage over 75 therms	\$0.2226	\$0.2661	\$1.0168
	LDAC	\$0.0435	<b>\$0.200</b>	<i>Q</i> III III III
	Gas Cost Adjustment:	<b><i>volo 100</i></b>		
	Cost of Gas	\$0.7507		
		<i><b>v</b></i> <b>m v m</b>		
C&I Medium Annual/High Winter	Tariff Rate G 41:			
	Monthly Customer Charge	\$94.21	\$94.21	\$94.21
	All usage	\$0.2016	\$0.2451	\$1.0730
	LDAC	\$0.0435		,
	Gas Cost Adjustment:	•••••		
	Cost of Gas	\$0.8279		
C&I Medium Annual/Low Winter	Tariff Rate G 51:			
	Monthly Customer Charge	\$94.21	\$94.21	\$94.21
	First 1,300 therms	\$0.1849	\$0.2284	\$0.9791
	All usage over 1,300 therms	\$0.1482	\$0.1917	\$0.9424
	LDAC	\$0.0435	*****	<b>****</b>
	Gas Cost Adjustment:	<b><i>volo 100</i></b>		
	Cost of Gas	\$0.7507		
C&I High Annual/High Winter	Tariff Rate G 42:			
	Monthly Customer Charge	\$314.05	\$314.05	\$314.05
	Monthly customer charge	<b>\$61</b> 100	<b>\$</b> 01.100	ţ01 lice
	All usage	\$0.1933	\$0.2368	\$1.0647
	LDAC	\$0.0435	<b>\$0.2000</b>	ψ1.00 <del>1</del> 7
	Gas Cost Adjustment:	ψ0.0400		
	Cost of Gas	\$0.8279		
	Tariff Data C 52			
C&I High Annual/Low Winter	Tariff Rate G 52:	004405	<b>*•••••••••••••</b>	<b>*************</b>
	Monthly Customer Charge	\$314.05	\$314.05	\$314.05
		\$0.1480	¢0 1015	\$0.0422
	All usage	+	\$0.1915	\$0.9422
		\$0.0435		
	Gas Cost Adjustment:	¢0.7507		
	Cost of Gas	\$0.7507		

Issued: October 12, 2012 Issued by: Effective: With Service Rendered On and After November 1, 2012 Title: Treasurer Authorized by NHPUC Order No. \_\_\_\_\_, in Docket No. DG 12-\_\_\_, dated \_\_\_\_\_

### Forty-third Revised Page 96 Superceding Forty-second Page 96

### NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

### WINTER SEASON C&I RATES

	Winter Season		Total
	November 2012 - April 2013	Tariff	Delivery Rates
	•	Rates	(Includes LDAC)
C&I Low Annual/High Winter	Tariff RateT 40:		(
	Monthly Customer Charge	\$31.40	\$31.40
	First 75 therms	\$0.2701	\$0.3136
	All usage over 75 therms	\$0.2226	\$0.2661
			•
	LDAC	\$0.0435	
C&I Low Annual/Low Winter	Tariff Rate T 50:		
	Monthly Customer Charge	\$31.40	\$31.40
	First 75 therms	\$0.2701	\$0.3136
	All usage over 75 therms	\$0.2226	\$0.2661
	C		
	LDAC	\$0.0435	
C&I Medium Annual/High Winter	Tariff Rate T 41:		
	Monthly Customer Charge	\$94.21	\$94.21
	All usage	\$0.2016	\$0.2451
	LDAC	\$0.0435	
C&I Medium Annual/Low Winter	Tariff Rate T 51:		
	Monthly Customer Charge	\$94.21	\$94.21
	First 1,300 therms	\$0.1849	\$0.2284
	All usage over 1,300 therms	\$0.1482	\$0.1917
	All usage over 1,500 therms	ψ0.140Z	ψ0.1517
	LDAC	\$0.0435	
C&I High Annual/High Winter	Tariff Rate T 42:		
	Monthly Customer Charge	\$314.05	\$314.05
	Monthly customer charge	<b>\$611.00</b>	<b>\$61 1100</b>
	All usage	\$0.1933	\$0.2368
	, in douge	<i><b>Q</b></i> <b>0</b> .1000	<b>\$012000</b>
	LDAC	\$0.0435	
C&I High Annual/Low Winter	Tariff Rate T 52:		
	Monthly Customer Charge	\$314.05	\$314.05
			• • • •
	All usage	\$0.1480	\$0.1915
			•
	LDAC	\$0.0435	
C&I Interruptible Transportation	Tariff Rate IT:		
	Monthly Customer Charge	\$170.21	\$170.21
	First 20,000 therms	\$0.1299	\$0.1299
	All usage over 20,000 therms	\$0.1108	\$0.1108
			1 2 -
Issued: October 12, 2012		Issued by:	WRACLES

Issued: October 12, 2012		Issued by:		Nel HCub
Effective: With Service Rendered On and	After November 1, 2012		Title:	
Authorized by NHPUC Order No	in Docket No. DG	, dated	_, 2012	

FiftiethFifty-first Revised Page 38 Superseding Forty-ninethFiftieth Revised Page 38

### Anticipated Cost of Gas

Period Covered: <del>May 1</del>	New Hampshire			12April 30, 2013		
(Col 1)	<u>, 2012 (10 verilder 1, 2</u>		(Col 2)	<u>April 00, 2010</u>		(Col 3)
ANTICIPATED DIRECT COST OF GAS			()			()
Purchased Gas: Demand Costs:	<del>\$481,574</del>	\$	2,385,180			
Supply Costs:	<del>\$2,045,969</del>	\$	9,365,605			
Storage & Peaking Gas: Demand, Capacity: Commodity Costs:	\$ <u> </u>	\$ \$	11,638,072 3,182,658			
Hedging (Gain)/Loss	\$ <u>239.048</u>	φ \$	400,309			
Interruptible Included Above	\$	\$	-			
Inventory Finance Charge	\$	\$	4,654			
Capacity Release	\$	\$	(2,180,758)			
				<b>A</b>	•	04 705 700
Total Anticipated Direct Cost of Gas				<del>\$3,165,697</del>	\$	24,795,720
ANTICIPATED INDIRECT COST OF GAS						
Adjustments: Prior Period Under/(Over) Collection	\$ <u>(104,463)</u>	¢	(3,105,739)			
Interest	\$ (104,403) \$ (2.129)	φ \$	(11,369)			
Refunds	\$	\$	(168,825)			
Interruptible Margins	\$	\$	-			
Total Adjustments				<del>\$ (106,592)</del>	\$	(3,285,933)
Working Capital:						
Total Anticipated Direct Cost of Gas	<del>\$ 3,165,697</del>	\$	24,795,720			
Working Capital Percentage	0.082%		0.082%			
Working Capital Allowance	<del>\$ 2,607</del>	\$	20,423			
Plus: Working Capital Reconciliation (Acct 182.11)	<u>\$ (952</u> )	\$	(9,592)			
Total Working Capital Allowance				<del>\$ 1,655</del>	\$	10,831
Bad Debt:						
Projected Bad Debt	\$ 650.000					
Bad Debt Supply Portion (64%)	\$ 416.526					
Seasonal Bad Debt Portion (91%)	\$ 39.068					
Bad Debt Allowance	•,	\$	271,636			
Plus: Bad Debt Reconciliation (Acct 182.16)	<del>\$ (1,283)</del>	\$	(142,934)			
Total Bad Debt Allowance				<del>\$ 37,785</del>	\$	128,702
Local Production and Storage Capacity				\$	\$	307,762
Miscellaneous Overhead-20.6978.17% Allocated to St	ummerWinter_Seaso	on		<u>\$ 85,176</u>	\$	321,744
Total Anticipated Indirect Cost of Gas				\$ <u>18,025</u>	\$	(2,516,894)
Total Cost of Gas				<del>\$3,183,722</del>	\$	22,278,826

Issued: May 1, 2012October 12, 2012 Effective Date: May 1, 2012November 1, 2012 Issued By:

Sixty-sixth seventh Revised Page 39 Superseding Sixty-fifth sixth Revised Page 39

#### CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May November 1, 2012 - October 31, 2012 April 30, 2013

(Col 1)	(Col 2)		(Col 3)		
Total Anticipated Direct Cost of Gas	<del>\$3,165,697</del>	\$24,795,720			
Projected Prorated Sales (05/01/12 10/31/12) (11/1/12 - 04/30/13)	7,466,573	27,305,924			
Direct Cost of Gas Rate			\$0.4240	\$0.9081	per therm
Demand Cost of Gas Rate	\$ <del>858,736</del>	\$11,842,494	\$0.1150	\$0.4337	per therm
Commodity Cost of Gas Rate	<del>\$2,306,962</del>	\$12,953,226	\$0.3090	\$0.4744	per therm
Total Direct Cost of Gas Rate	\$ <del>3,165,697</del>	\$24,795,720	\$0.4240	<u>\$0.9081</u>	per therm
Total Anticipated Indirect Cost of Gas	<del>\$18,025</del>	(\$2,516,894)			
Projected Prorated Sales (05/01/12-10/31/12) (11/1/12 - 04/30/13)	7,466,573	27,305,924			
Indirect Cost of Gas			\$0.0024	<u>(\$0.0922)</u>	per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.4264	<u>\$0.8159</u>	per therm
Period Ending Over-collection as determined on 5/25/12 <sup>1</sup>	(\$157,878.00)				
Projected Sales (06/01/12 - 10/31/12)	6,120,081				
Per Unit Change in Cost of Gas (06/01/11 - 10/31/11)	<del>(\$0.0258)</del>				
Period Ending Under-collection as determined on 7/25/12 <sup>2</sup>	\$115.719.60				
Projected Sales (08/01/12 - 10/31/12)	3.979.437				
Per Unit Change in Cost of Gas (08/01/11 - 10/31/11)	\$0.0291				
· · · · · · · · · · · · · · · · · · ·	••••				
Period Ending Under-collection as determined on 8/22/12 <sup>3</sup>	<del>(\$82,167.00)</del>				
Projected Sales (09/01/12 - 10/31/12)	<del>2,903,715</del>				
Per Unit Change in Cost of Gas (09/01/11 - 10/31/11)	<del>(\$0.0283)</del>				

-1 Over-collection w/o rate adjustement as contained in NUI's COG Report dated May 25, 2012

-2 Over collection w/o rate adjustement as contained in NUI's COG Report dated July 25, 2012 -3 Over collection w/o rate adjustement as contained in NUI's COG Report dated August 22, 2012

C&ILLF COMMODITY COSTS ALLOCATED PER SMBA PLUS RESIDENTIAL DEMAND REALLOCATION TO C&ILLF C&ILLF PTAL ADJUSTED DEMAND COSTS C&ILLF PROJECTED PRORATED SALES (11/01/12-04/30/13) DEMAND COST OF CAS BATE

C&ILLF COMMODITY COSTS ALLOCATED PER SMBA PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&ILLE C&ILLF TOTAL ADJUSTED COMMODITY COSTS C&ILLF PROJECTED PRORATED SALES (11/1/12-04/30/13) COMMODITY COST OF GAS RATE

Effective Date: September 1 November 1\_2012 Authorized by NHPUC Order No. \_\_\_\_\_, in Docket No. DG 12-\_\_\_, dated \_

DEMAND COST OF GAS RATE

INDIRECT COST OF GAS

Issued: August 22-October 12, 2012

TOTAL C&I LLF COST OF GAS RATE

RESIDENTIAL COST OF GAS RATE - <del>09</del> <u>11/</u> 01/12	COGwr	\$ <del>0.401</del> 4 <u>0.8159</u>	per therm
	Maximum (COG+25%)	<del>\$0.5330</del> <u>\$</u>	1.0199
RESIDENTIAL COST OF GAS RATE 05/01/12		<del>\$0.4264</del>	
CHANGE IN PER UNIT COST		(\$0.0258)	
RESIDENTIAL COST OF GAS RATE - 06/01/12		\$0.4006	
CHANGE IN PER UNIT COST		\$0.0291	
RESIDENTIAL COST OF GAS RATE - 08/01/12		\$0.4297	
CHANGE IN PER UNIT COST		<del>(\$0.0283)</del>	
RESIDENTIAL COST OF GAS RATE 09/01/12		<del>\$0.4014</del>	
OM/IND LOW WINTER USE COST OF GAS RATE - 09-11/01/12	COGwl	\$ <del>0.3585</del> 0 <u>.7507</u>	per therm
	Maximum (COG+25%)	\$0.4794 <u>\$</u> (	0.9384
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/12		\$0.3835	
CHANGE IN PER UNIT COST		(\$0.0258)	
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/12		\$0.3577	
CHANGE IN PER UNIT COST		\$0.0291	
COM/IND LOW WINTER USE COST OF GAS RATE 08/01/12		\$0.3868	
CHANGE IN PER UNIT COST		<del>(\$0.0283)</del>	
RESIDENTIAL COST OF GAS RATE 09/01/12		<del>\$0.3585</del>	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$720,765		
PLUS: RESIDENTIAL DEMAND RELOCATION TO C7I HLF	\$15,939		
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$736,704		
C&I HLF PROJECTED PRORATED SALES (11/1/12-04/30/13)	2,179,467		
DEMAND COST OF GAS RATE	<u>\$0.3380</u>		
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,103,662		
PLUS: RESIDENTIAL COMMODITY COSTS	(\$3,272)		
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,100,390		
C&I HLF PROJECTED PRORATED SALES (11/01/12-04/30/13)	2,179,467		
COMMODITY COST OF GAS RATE	<u>\$0.5049</u>		
INDIRECT COST OF GAS	<u>(\$0.0922)</u>		
TOTAL C&I HLF COST OF GAS RATE	<u>\$0.7507</u>		
OM/IND HIGH WINTER USE COST OF GAS RATE - 09-11/01/12	COGwh	\$ <del>0.4347</del> 0 <u>.8279</u>	per therm
	Maximum (COG+25%)	\$0.5746 <u>\$</u>	1.0349
COM/IND HIGH WINTER USE COST OF GAS RATE 05/01/12		<u>\$0,4597</u>	
CHANGE IN PER UNIT COST		(\$0.0258)	
COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/12		\$0.4339	
CHANGE IN PER UNIT COST		\$0.0291	
COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/12		\$0.4630	
CHANGE IN PER UNIT COST		<del>(\$0.0283)</del>	

\$5,204,304 \$115,087 \$5,319,391 11,784,423 \$0.4514

\$5,540,143 <u>(\$16,423)</u> <u>\$5,523,719</u> 11,784,423 \$0.4687

(\$0.0922)

\$0.8279

Issued By: W24Clas

### Local Delivery Adjustment Clause

Rate Schedule	RLIARA	DSM	ERC	ITM	RCE	RPC	LDAC
Residential Heating	<del>\$0.0089</del> 0.0104	\$ <del>0.0333</del> 0.0403	\$ <del>0.0051</del> 0.0044	\$0.0000	\$0.0046	\$0.0123	\$ <del>0.0642</del> 0.0720
Residential Non-Heating	<del>\$0.0089</del> 0.0104	\$ <del>0.0333</del> 0.00403	\$ <del>0.0051</del> 0.0044	\$0.0000	\$0.0046	\$0.0123	\$ <del>0.0642</del> 0.0720
Small C&I	<del>\$0.0089</del> 0.0104	\$ <del>0.0126</del> 0.0118	\$ <del>0.0051</del> 0.0044	\$0.0000	\$0.0046	\$0.0123	\$ <del>0.0435</del> 0.0435
Medium C&I	<del>\$0.0089</del> 0.0104	\$ <del>0.0126</del> 0.0118	\$ <del>0.0051</del> 0.0044	\$0.0000	\$0.0046	\$0.0123	\$ <del>0.0435</del> 0.0435
Large C&I	<del>\$0.0089</del> 0.0104	\$ <del>0.0126</del> 0.0118	\$ <del>0.0051</del> 0.0044	\$0.0000	\$0.0046	\$0.0123	\$ <del>0.0435</del> 0.0435
No Previous Sales Service							

Issued: April 27, 2012 October 12, 2012 Effective: With Service Rendered On and After May 1, 2012 November 1, 2012

2 HCiles Issued by:

Authorized by NHPUC Order No. in Docket No. , dated

Title:

### NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

### SUMMER WINTER SEASON RESIDENTIAL RATES

Summer Winter Season May 2012 - October 2012 November 2012 - April 2013		-	Tariff Rates		Total Delivery Rates (Includes LDAC)		<u>Total Billed Rates</u> Tariff Rates, LDAC Plus Cost of Gas	
Residential Heating	Tariff Rate R 5: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$13.73 \$0.4410 <b>\$0.4410</b> <b>\$0.0642</b> <b>\$0.4014</b>		\$ <del>0.5052</del> \$ <del>0.5052</del>	\$13.73 <u>\$0.5130</u> <u>\$0.4549</u>	\$0.9066 \$0.9066	\$13.73 <u>\$1.3289</u> <u>\$1.2708</u>	
Residential Heating Low income	Tariff Rate R 10:Monthly Customer ChargeFirst 50 thermsAll usage over 50 thermsLDACGas Cost Adjustment:Cost of Gas	\$5.50 \$0.1764 <del>\$0.0642</del> <b>\$0.4014</b>		\$ <del>0.2406</del> \$ <del>0.2406</del>	\$5.50 <u>\$0.2484</u> <u>\$0.2252</u>	<mark>\$0.6420</mark> <mark>\$0.6420</mark>	\$5.50 <u>\$1.0643</u> <u>\$1.0411</u>	
Residential Non-Heating	Tariff Rate R 6: Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas	\$13.73 \$0.3296 \$0.3296 <b>\$0.0642</b> <b>\$0.4014</b>		<del>\$0.3938</del> <del>\$0.3938</del>	\$13.73 <u>\$0.4016</u> <u>\$0.4016</u>	<del>\$0.7952</del> <del>\$0.7952</del>	\$13.73 <u>\$1.2175</u> <u>\$1.2175</u>	

Residential Non-Heating	Tariff Rate R 11:					
Low income	Monthly Customer Charge	\$9.98		\$9.98		\$9.98
	First 10 therms	\$0.2499	<b>\$0.3141</b>	<u>\$0.3219</u>	<del>\$0.7155</del>	<u>\$1.1378</u>
	All usage over 10 therms	\$0.2499	<b>\$0.3141</b>	<u>\$0.3219</u>	<del>\$0.7155</del>	<u>\$1.1378</u>
	LDAC	\$0.0642 \$0.0720				
	Gas Cost Adjustment:					
	Cost of Gas	<mark>\$0.401</mark> 4 <u>\$0.8159</u>				

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Issued: August 22 October 12, 2012		Issued by:		hed	24 Colon
Effective Date: August November 1,	2012			Title:	Treasurer
Authorized by NHPUC Order No	_ in Docket No. DG	, dated	_, 2012		

### NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

SUMMER WINTER SEASON C&I RATES

Summer <u>Winter</u> Season May 2012 - October 2012 <u>November 2012 - April 2013</u>		Total Delivery Rates (Includes LDAC)	<u>Total Billed Rates</u> Tariff Rates, LDAC Plus Cost of Gas	
Tariff Rate G 40:         Monthly Customer Charge         First 75 therms         All usage over 75 therms         LDAC         Gas Cost Adjustment:         Cost of Gas	\$31.40 \$0.2701 \$0.2226 <b>\$0.0435 \$0.0435</b> <b>\$0.4347 \$0.8279</b>	\$31.40 \$ <u>0.3136</u> <u>\$0.3136</u> <del>\$0.2661</del> <u>\$0.2661</u>	\$31.40 \$0.7483 <u>\$1.1415</u> \$0.7008 <u>\$1.0940</u>	
Tariff Rate G 50:         Monthly Customer Charge         First 75 therms         All usage over 75 therms         LDAC         Gas Cost Adjustment:         Cost of Gas	\$31.40 \$0.2701 \$0.2226 <b>\$0.0435</b> <u>\$0.0435</u> <b>\$0.3585</b> <u>\$0.7507</u>	\$31.40 \$0.3136 <u>\$0.3136</u> \$0.2661 <u>\$0.2661</u>	\$0.00 \$31.40 \$0.6724 <u>\$1.0643</u> \$0.6246 <u>\$1.0168</u>	
Tariff Rate G 41: Monthly Customer Charge	\$94.21	\$94.21	\$94.21	
All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$0.1557         \$0.2016           \$0.0435         \$0.0435           \$0.4347         \$0.8279	<mark>\$0.1992</mark> <u>\$0.2451</u>	<del>\$0.6339</del> <u>\$1.0730</u>	
Tariff Rate G 51:         Monthly Customer Charge         First 1,000-1,300 therms         All usage over 1,000-1,300 therms         LDAC         Gas Cost Adjustment:         Cost of Gas	\$94.21 \$0.1325 \$0.1849 \$0.1011 \$0.1482 \$0.0435 \$0.0435 \$0.3585 \$0.7507	\$94.21 \$ <u>0.1760</u> <u>\$0.2284</u> <del>\$0.1446</del> <u>\$0.1917</u>	\$94.21 \$ <del>0.5345</del> <u>\$0.9791</u> <del>\$0.5031</del> <u>\$0.9424</u>	
Tariff Rate G 42:				
Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$314.05 \$0.1200 \$0.1933 \$0.0435 \$0.0435 \$0.4347 \$0.8279	\$314.05 <del>\$0.1635</del> <u>\$0.2368</u>	\$314.05 <del>\$0.5982</del> <u>\$1.0647</u>	
Tariff Rate G 52: Monthly Customer Charge	\$314.05	\$314.05	\$314.05	
All usage LDAC <u>Gas Cost Adjustment:</u>	\$0.0694 \$0.0435 \$0.0435	<mark>\$0.1129 </mark>	\$ <del>0.4714</del> <u>\$0.9422</u>	
	<b>Jariff Rate G 40:</b> Monthly Customer Charge         First 75 therms         All usage over 75 therms         LDAC         Gas Cost Adjustment:         Cost of Gas         Tariff Rate G 50:         Monthly Customer Charge         First 75 therms         All usage over 75 therms         LDAC         Gas Cost Adjustment:         Cost of Gas         Tariff Rate G 50:         Monthly Customer Charge         First 75 therms         All usage over 75 therms         LDAC         Gas Cost Adjustment:         Cost of Gas         Tariff Rate G 41:         Monthly Customer Charge         LDAC         Gas Cost Adjustment:         Cost of Gas         Tariff Rate G 51:         Monthly Customer Charge         First 1,000-1,300 therms         LDAC         Gas Cost Adjustment:         Cost of Gas         Tariff Rate G 42:         Monthly Customer Charge         All usage         LDAC         Gas Cost Adjustment:         Cost of Gas         Tariff Rate G 42:         Monthly Customer Charge	Sper 2012 November 2012 - April 2013         Tariff Rates           Image over 75 therms         \$31.40           Jusage over 75 therms         \$0.2701           LDAC         \$0.4345         \$0.0435           Gas Cost Adjustment: Cost of Gas         \$0.4347         \$0.8279           Tariff Rate G 50: Monthly Customer Charge First 75 therms         \$0.4347         \$0.8279           Maintly Customer Charge First 75 therms         \$0.2226         \$0.0435         \$0.0435           LDAC         \$0.4347         \$0.8279         \$0.8279           Tariff Rate G 50: Monthly Customer Charge First 75 therms         \$0.2226         \$0.0435         \$0.0435           LDAC         \$0.4347         \$0.8279         \$0.4355         \$0.0435           LDAC         \$0.4347         \$0.2016         \$0.4347         \$0.2016           LDAC         \$0.4355         \$0.0435         \$0.0435         \$0.2016           LDAC         \$0.4347         \$0.8279         \$0.4347         \$0.8279           Tariff Rate G 51: Monthly Customer Charge First 1,000-1,300 therms LDAC         \$0.4347         \$0.8279           Gas Cost Adjustment: Cost of Gas         \$0.1482         \$0.0435         \$0.0435           Gas Cost Adjustment: Cost of Gas         \$0.1482         \$0.0435	per 2012 November 2012 - April 2013         Tariff Rates         Delivery Rates (includes LDAC)           Infif Rate G 40: Monthly Customer Charge First 75 therms         \$31.40         \$31.40         \$31.40           S0.2701         \$0.3136         \$0.3136         \$0.3136           LDAC         \$0.4347         \$0.8279         \$0.2661         \$0.2661           LDAC         \$0.4347         \$0.8279         \$0.3136         \$0.3136           Monthly Customer Charge First 75 therms         \$0.4347         \$0.8279         \$0.3136         \$0.3136           Monthly Customer Charge First 75 therms         \$0.4345         \$0.0435         \$0.3136         \$0.3136           S0.2266         \$0.2661         \$0.2661         \$0.2661         \$0.2661         \$0.2661           Monthly Customer Charge First 75 therms         \$0.4355         \$0.0435         \$0.4365         \$0.2016           S0.4565         \$0.2016         \$0.4365         \$0.2016         \$0.4992         \$0.2451           LDAC         \$0.4365         \$0.0435         \$0.0435         \$0.4365         \$0.2016           Monthly Customer Charge         \$94.21         \$0.4347         \$0.8279         \$0.4366         \$0.1422           Tariff Rate G 51: Monthly Customer Charge         \$94.21         \$0.4365<	

 Issued: July 25October 12, 2012
 Issued by:
 Image: March 24 color

 Effective Date: September November 1, 2012
 Title: Treasurer

 Authorized by NHPUC Order No. \_\_\_\_\_ in Docket No. DG \_\_\_\_\_, dated \_\_\_\_\_
 Title: Treasurer

### NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION

### SUMMERWINTER SEASON C&I RATES

Summer Winter Season May 2012 - October 2012 November 2012 - April 2013		Tar Rat		Delive	otal ery Rates es LDAC)
C&I Low Annual/High Winter	Tariff Rate T 40: Monthly Customer Charge First 75 therms All usage over 75 therms	\$31.40 \$0.2701 \$0.2226			\$31.40 \$0.3136 \$0.2661
	LDAC	\$0.0435			
C&I Low Annual/Low Winter	Tariff Rate T 50: Monthly Customer Charge First 75 therms All usage over 75 therms	\$31.40 \$0.2701 \$0.2226			\$31.40 \$0.3136 \$0.2226
	LDAC	\$0.0435			
C&I Medium Annual/High Winter	Tariff Rate T 41: Monthly Customer Charge	\$94.21			\$94.21
	All usage	<b>\$0.1557</b>	<u>\$0.2016</u>	<del>\$0.1992</del>	<u>\$0.2451</u>
	LDAC	\$0.0435			
C&I Medium Annual/Low Winter	Tariff Rate T 51: Monthly Customer Charge First <del>1,000</del> 1,300 therms All usage over <del>1,000</del> 1,300 therms	\$94.21 <mark>\$0.1325</mark> <mark>\$0.1011</mark>	<u>\$0.1849</u> <u>\$0.1482</u>	\$ <del>0.1760</del> \$0.1446	<b>\$94.21</b> <u>\$0.2284</u> <u>\$0.1917</u>
	LDAC	\$0.0435			
C&I High Annual/High Winter	Tariff Rate T 42: Monthly Customer Charge	\$314.05			\$314.05
	All usage	<del>\$0.1200</del>	<u>\$0.1933</u>	<del>\$0.1635</del>	<u>\$0.2368</u>
	LDAC	\$0.0435			
C&I High Annual/Low Winter	Tariff Rate G 52: Monthly Customer Charge	\$314.05			\$314.05
	All usage	<b>\$0.069</b> 4	<u>\$0.1480</u>	<mark>\$0.1129</mark>	<u>\$0.1915</u>
	LDAC	\$0.0435			
C&I Interruptible Transportation	Tariff Rate IT: Monthly Customer Charge First 20,000 therms	\$170.21 <del>\$0.0407</del>	\$0.1299	<del>\$0.0407</del>	\$170.21 <u>\$0.1299</u>
	All usage over 20,000 therms	<del>\$0.0407</del> <del>\$0.0347</del>	<u>\$0.1299</u> <u>\$0.1108</u>	<del>\$0.0407</del> \$0.0347	<u>\$0.1299</u> <u>\$0.1108</u>

Issued: May 1 <u>October 12</u> , 2012		Issued by:	W24Cole	5
Effective: With Service Rendered On and	After May 1 November 1, 2012		Title:	
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