

Summary

**N.H.P.U.C No. 11
NORTHERN UTILITIES, INC.**

Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2014 - April 30, 2015

Column A	Column B	Column C
1 <u>ANTICIPATED DIRECT COST OF GAS</u>		
2 Purchased Gas for Sales Service:		
3 Demand Costs:	\$ 3,149,210	
4 Supply Costs:	\$ 20,393,655	
5		
6 Storage & Peaking Gas for Sales Service:		
7 Demand, Capacity:	\$ 14,197,961	
8 Commodity Costs:	\$ 4,932,932	
9		
10 Hedging (Gain)/Loss	\$ 27,935	
11		
12 Interruptible Sendout Cost	\$ -	
13		
14 Inventory Finance Charge	\$ 6,234	
15		
16 Capacity Release	\$ (4,741,845)	
17		
18 Adjustment for Actual Costs	\$ -	
19		
20 Total Anticipated Direct Cost of Gas		\$ 37,966,081
21		
22 <u>ANTICIPATED INDIRECT COST OF GAS</u>		
23 Adjustments:		
24 Prior Period Under/(Over) Collection	\$ (3,607,559)	
25 Miscellaneous	\$ -	
26 Interest	\$ 10,648	
27 Refunds	\$ -	
28 <u>Interruptible Margins</u>	\$ -	
29 Total Adjustments		\$ (3,596,911)
30		
31 Working Capital:		
32 Total Anticipated Direct Cost of Gas	\$ 37,966,081	
33 Working Capital Percentage	0.0824%	
34 Working Capital Allowance	\$ 31,270	
35		
36 Plus: Working Capital Reconciliation (Acct 182.11)	\$ (1,796)	
37		
38 Total Working Capital Allowance		\$ 29,474
39		
40 Bad Debt:		
41 Bad Debt Allowance	\$ 356,163	
42 Plus: Bad Debt Reconciliation (Acct 182.16)	\$ (118,517)	
43 Total Bad Debt Allowance		\$ 237,646
44		
45 Local Production and Storage Capacity		\$ 420,658
46		
47 Miscellaneous Overhead-81.30% Allocated to WinterSeason		\$ 416,811
48		
49 Total Anticipated Indirect Cost of Gas		\$ (2,492,322)
50		
51 Total Cost of Gas		<u>\$ 35,473,760</u>
52		

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Anticipated Cost of Gas

New Hampshire Division
Period Covered: November 1, 2014 - April 30, 2015

Column A	Column D
1 <u>ANTICIPATED DIRECT COST OF GAS</u>	
2 Purchased Gas for Sales Service:	
3 Demand Costs:	Schedule 1A, LN 71
4 Supply Costs:	Schedule 1B, LN 14
5	
6 Storage & Peaking Gas for Sales Service:	
7 Demand, Capacity:	Schedule 1A, LN 73
8 Commodity Costs:	Schedule 1B, LN 16 + Schedule 1B, LN 17
9	
10 Hedging (Gain)/Loss	Schedule 1B, LN 15
11	
12 Interruptible Sendout Cost	-(Schedule 1B, LN 22)
13	
14 Inventory Finance Charge	Schedule 22, LN 104
15	
16 Capacity Release	-(Schedule 1A, LN 76)
17	
18 Adjustment for Actual Costs	
19	
20 Total Anticipated Direct Cost of Gas	Sum (LN 3 : LN 18)
21	
22 <u>ANTICIPATED INDIRECT COST OF GAS</u>	
23 Adjustments:	
24 Prior Period Under/(Over) Collection	Schedule 3, LN 98: April
25 Miscellaneous	
26 Interest	Schedule 3, LN 106: Total
27 Refunds	NA
28 <u>Interruptible Margins</u>	-(Schedule 1A, LN 77)
29 Total Adjustments	Sum (LN 24 : LN 28)
30	
31 Working Capital:	
32 Total Anticipated Direct Cost of Gas	LN 20
33 Working Capital Percentage	NHPUC No. 11 Section 4.06.1
34 Working Capital Allowance	LN 32 * LN 33
35	
36 Plus: Working Capital Reconciliation (Acct 182.11)	Schedule 3, LN 80: April
37	
38 Total Working Capital Allowance	Sum (LN 34 : LN 36)
39	
40 Bad Debt:	
41 Bad Debt Allowance	Schedule 4, LN 19
42 Plus: Bad Debt Reconciliation (Acct 182.16)	Schedule 3, LN 87: April
43 Total Bad Debt Allowance	LN 41 + LN 42
44	
45 Local Production and Storage Capacity	Schedule 1A, LN 84
46	
47 Miscellaneous Overhead-81.30% Allocated to WinterSeason	Schedule 1A, LN 83
48	
49 Total Anticipated Indirect Cost of Gas	Sum (LN 29 : LN 47)
50	
51 Total Cost of Gas	LN 49 + LN 20
52	

53			
54			
55	CALCULATION OF FIRM SALES COST OF GAS RATE		
56	Period Covered: November 1, 2014 - April 30, 2015		
57			
58	Column A	Column B	Column C
59			
60	Total Anticipated Direct Cost of Gas	\$ 37,966,081	
61	Projected Prorated Sales (11/01/14 - 04/30/15)	32,046,338	
62	Direct Cost of Gas Rate		\$ 1.1847 per therm
63			
64	Demand Cost of Gas Rate	\$ 12,605,326	\$ 0.3933 per therm
65	Commodity Cost of Gas Rate	\$ 25,360,756	\$ 0.7914 per therm
66	Total Direct Cost of Gas Rate	\$ 37,966,081	\$ 1.1847 per therm
67			
68	Total Anticipated Indirect Cost of Gas	\$ (2,492,322)	
69	Projected Prorated Sales (11/01/14 - 04/30/15)	32,046,338	
70	Indirect Cost of Gas		\$ (0.0778) per therm
71			
72			
73	TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/15		\$ 1.1069 per therm
74			
75	RESIDENTIAL COST OF GAS RATE - 11/01/14	COGwr	\$ 1.1069 per therm
76		Maximum (COG+25%)	\$ 1.3836
77			
78			
79	COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/14	COGwl	\$ 1.0063 per therm
80		Maximum (COG+25%)	\$ 1.2579
81			
82	C&I HLF Demand Costs Allocated per SMBA	\$ 622,919	
83	PLUS: Residential Demand Reallocation to C&I HLF	\$ (5,512)	
84	C&I HLF Total Adjusted Demand Costs	\$ 617,406	
85	C&I HLF Projected Prorated Sales (11/01/14 - 04/30/15)	2,214,258	
86	Demand Cost of Gas Rate	\$ 0.2788	
87			
88	C&I HLF Commodity Costs Allocated per SMBA	\$ 1,783,094	
89	PLUS: Residential Commodity Reallocation to C&I HLF	\$ 47	
90	C&I HLF Total Adjusted Commodity Costs	\$ 1,783,141	
91	C&I HLF Projected Prorated Sales (11/01/14 - 04/30/15)	2,214,258	
92	Commodity Cost of Gas Rate	\$ 0.8053	
93			
94	Indirect Cost of Gas	\$ (0.0778)	
95			
96	Total C&I HLF Cost of Gas Rate	\$ 1.0063	
97			
98			
99	COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/14	COGwh	\$ 1.1217 per therm
100		Maximum (COG+25%)	\$ 1.4021
101			
102	C&I LLF Demand Costs Allocated per SMBA	\$ 6,238,694	
103	PLUS: Residential Demand Reallocation to C&I LLF	\$ (55,206)	
104	C&I LLF Total Adjusted Demand Costs	\$ 6,183,488	
105	C&I LLF Projected Prorated Sales (11/01/14 - 04/30/15)	15,075,559	
106	Demand Cost of Gas Rate	\$ 0.4102	
107			
108	C&I LLF Commodity Costs Allocated per SMBA	\$ 11,899,318	
109	PLUS: Residential Commodity Reallocation to C&I LLF	\$ 316	
110	C&I LLF Total Adjusted Commodity Costs	\$ 11,899,633	
111	C&I LLF Projected Prorated Sales (11/01/14 - 04/30/15)	15,075,559	
112	Commodity Cost of Gas Rate	\$ 0.7893	
113			
114	Indirect Cost of Gas	\$ (0.0778)	
115			
116	Total C&I LLF Cost of Gas Rate	\$ 1.1217	

53		
54		
55	CALCULATION OF FIRM SALES COST OF GAS RATE	
56	Period Covered: November 1, 2014 - April 30, 2015	
57		
58	Column A	Column D
59		
60	Total Anticipated Direct Cost of Gas	LN 20
61	Projected Prorated Sales (11/01/14 - 04/30/15)	Schedule 10B, LN 11
62	Direct Cost of Gas Rate	LN 60 / LN 61
63		
64	Demand Cost of Gas Rate	Column B : SUM (LN 3 , LN 7 , LN 16)
65	Commodity Cost of Gas Rate	Column B : SUM (LN 4 , LN 8 , LN 10 , LN 12 , LN 14)
66	Total Direct Cost of Gas Rate	SUM (LN 64 : LN 65)
67		
68	Total Anticipated Indirect Cost of Gas	LN 49
69	Projected Prorated Sales (11/01/14 - 04/30/15)	LN 61
70	Indirect Cost of Gas	LN 68 / LN 69
71		
72		
73	TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/15	LN 66 + LN 70
74		
75	RESIDENTIAL COST OF GAS RATE - 11/01/14	LN 73
76		LN 75 * 1.25
77		
78		
79	COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/14	LN 96
80		LN 79 * 1.25
81		
82	C&I HLF Demand Costs Allocated per SMBA	Schedule 10A, LN 169
83	PLUS: Residential Demand Reallocation to C&I HLF	Schedule 23, LN 16
84	C&I HLF Total Adjusted Demand Costs	Sum (LN 82 : LN 83)
85	C&I HLF Projected Prorated Sales (11/01/14 - 04/30/15)	Schedule 10B, LN 14
86	Demand Cost of Gas Rate	LN 84 / LN 85
87		
88	C&I HLF Commodity Costs Allocated per SMBA	Schedule 10C, LN 139
89	PLUS: Residential Commodity Reallocation to C&I HLF	Schedule 23, LN 26
90	C&I HLF Total Adjusted Commodity Costs	Sum (LN 88 : LN 89)
91	C&I HLF Projected Prorated Sales (11/01/14 - 04/30/15)	LN 85
92	Commodity Cost of Gas Rate	LN 90 / LN 91
93		
94	Indirect Cost of Gas	LN 70
95		
96	Total C&I HLF Cost of Gas Rate	Sum (LN 86, LN 92, LN 94)
97		
98		
99	COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/14	LN 116
100		LN 99 * 1.25
101		
102	C&I LLF Demand Costs Allocated per SMBA	Schedule 10A, LN 170
103	PLUS: Residential Demand Reallocation to C&I LLF	Schedule 23, LN 17
104	C&I LLF Total Adjusted Demand Costs	Sum (LN 102 : LN 103)
105	C&I LLF Projected Prorated Sales (11/01/14 - 04/30/15)	Schedule 10B, LN 15
106	Demand Cost of Gas Rate	LN 104 / LN 105
107		
108	C&I LLF Commodity Costs Allocated per SMBA	Schedule 10C, LN 140
109	PLUS: Residential Commodity Reallocation to C&I LLF	Schedule 23, LN 27
110	C&I LLF Total Adjusted Commodity Costs	Sum (LN 108 : LN 109)
111	C&I LLF Projected Prorated Sales (11/01/14 - 04/30/15)	LN 105
112	Commodity Cost of Gas Rate	LN 110 / LN 111
113		
114	Indirect Cost of Gas	LN 70
115		
116	Total C&I LLF Cost of Gas Rate	Sum (LN 106, LN 112, LN 114)