

**NHPUC Docket DG 13-086
Temporary Rate Settlement
Attachment 1**

NORTHERN UTILITIES, INC.

Calculation of Temporary Rate Adjustment

Temporary Rates

Revenue Requirement \$ 2,500,000

Test Year WN Sales (therm) 59,356,751 Normand: Schedule PMN 1G-8

Temporary Rate Factors \$ 0.0421/therm

State of New Hampshire
 Public Utilities Commission
 Concord
Report of Proposed Rate Changes (\$000)
 Temporary Rates

Northern Utilities, Inc. -- New Hampshire Division
 Tariff No. 10

Date Filed: April 15, 2013
 Effective Date: May 15, 2013

(A) <u>Class of Service</u>	(B) <u>Effect of Proposed Change</u>	(C) <u>Average Number of Customers</u>	(D) <u>Total Current Revenue</u>	(E) <u>Proposed Distribution Temporary Rate Revenue Changes</u>	(F) <u>Total Revenue Under Proposed Rates</u>	(G) <u>Proposed Change Revenue</u>	(H) <u>Percent Change Revenue</u>
Residential Heating - R5	Increase	19,900	\$21,025	\$626	\$21,651	\$626	3.0%
Residential Low Income Heating - R10	Increase	1,148	\$790	\$32	\$822	\$32	4.0%
Residential Non-Heating - R6	Increase	1,518	\$636	\$15	\$651	\$15	2.4%
Residential Low Income Non-Heating - R11	Increase	19	\$7	\$0	\$7	\$0	2.9%
Subtotal Residential	Increase	22,585	\$22,458	\$673	\$23,131	\$673	3.0%
Commercial & Industrial Low Annual & High Winter Use G-40	Increase	4,621	\$10,902	\$379	\$11,281	\$379	3.5%
Commercial & Industrial Medium Annual & High Winter Use G-41	Increase	558	\$11,271	\$467	\$11,738	\$467	4.1%
Commercial & Industrial High Annual & High Winter Use G-42	Increase	26	\$3,863	\$178	\$4,041	\$178	4.6%
Commercial & Industrial Low Annual & Low Winter Use G-50	Increase	927	\$2,212	\$92	\$2,304	\$92	4.2%
Commercial & Industrial Medium Annual & Low Winter Use G-51	Increase	238	\$3,456	\$175	\$3,631	\$175	5.1%
Commercial & Industrial High Annual & Low Winter Use G-52	Increase	32	\$9,373	\$534	\$9,908	\$534	5.7%
Subtotal Commercial & Industrial	Increase	6,402	\$41,077	\$1,826	\$42,903	\$1,826	4.4%
Total	Increase	28,987	\$63,535	\$2,499	\$66,034	\$2,499	3.9%

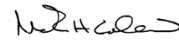
(D) Revenue under previous permanent seasonal rates assuming all customers take Company supplied gas service.

(E) Distribution revenue change reflecting temporary rate adjustment of \$0.0421/thm only

(F) Column D + Column E

(G) Column F - Column D

(H) Column G / Column D

Signed by: 
 Title: Treasurer

Northern Utilities - NH Division
 Residential Heating Customer - R5
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	7.61	\$23.56	\$23.88	\$0.32	1.4%
20.0%	25.49	\$46.65	\$47.72	\$1.07	2.3%
30.0%	40.57	\$66.13	\$67.84	\$1.71	2.6%
40.0%	54.59	\$83.97	\$86.27	\$2.30	2.7%
50.0%	68.89	\$101.61	\$104.51	\$2.90	2.9%
60.0%	84.49	\$120.84	\$124.40	\$3.56	2.9%
70.0%	102.91	\$143.57	\$147.91	\$4.33	3.0%
80.0%	125.74	\$171.73	\$177.02	\$5.29	3.1%
90.0%	157.56	\$210.98	\$217.61	\$6.63	3.1%
100.0%	239.91	\$312.54	\$322.64	\$10.10	3.2%
Average	90.78	\$128.60	\$132.42	\$3.82	3.0%
<u>Distribution Only</u>					
10.0%	7.61	\$17.09	\$17.41	\$0.32	1.9%
20.0%	25.49	\$24.97	\$26.04	\$1.07	4.3%
30.0%	40.57	\$31.62	\$33.33	\$1.71	5.4%
40.0%	54.59	\$37.54	\$39.84	\$2.30	6.1%
50.0%	68.89	\$43.01	\$45.91	\$2.90	6.7%
60.0%	84.49	\$48.98	\$52.54	\$3.56	7.3%
70.0%	102.91	\$56.04	\$60.37	\$4.33	7.7%
80.0%	125.74	\$64.78	\$70.08	\$5.29	8.2%
90.0%	157.56	\$76.97	\$83.60	\$6.63	8.6%
100.0%	239.91	\$108.50	\$118.60	\$10.10	9.3%
Average	90.78	\$51.39	\$55.22	\$3.82	7.4%
<u>Present Rates</u>		<u>Proposed Rates</u>			
Customer Charge (\$/customer)		\$13.73 (1)		Customer Charge (\$/customer)	\$13.73 (3)
Distribution Charge - First 50 therms (\$/thm)		\$0.4410 (1)		Distribution Charge - First 50 therms (\$/thm)	\$0.4831 (3)
Distribution Charge - Excess 50 therms (\$/thm)		\$0.3829 (1)		Distribution Charge - Excess 50 therms (\$/thm)	\$0.4250 (3)
LDAC (\$/thm)		\$0.0720 (1)		LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)		\$0.7785 (2)		COG (\$/thm)	\$0.7785 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 Residential Heating Customer - R5
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	0.20	\$13.92	\$13.92	\$0.01	0.1%
20.0%	4.26	\$17.66	\$17.84	\$0.18	1.0%
30.0%	8.66	\$21.73	\$22.09	\$0.36	1.7%
40.0%	12.19	\$24.98	\$25.50	\$0.51	2.1%
50.0%	15.59	\$28.12	\$28.78	\$0.66	2.3%
60.0%	19.03	\$31.29	\$32.09	\$0.80	2.6%
70.0%	23.11	\$35.06	\$36.03	\$0.97	2.8%
80.0%	28.71	\$40.23	\$41.44	\$1.21	3.0%
90.0%	38.20	\$48.99	\$50.60	\$1.61	3.3%
100.0%	71.12	\$79.38	\$82.37	\$2.99	3.8%
Average	22.11	\$34.14	\$35.07	\$0.93	2.7%
<u>Distribution Only</u>					
10.0%	0.20	\$13.82	\$13.83	\$0.01	0.1%
20.0%	4.26	\$15.61	\$15.79	\$0.18	1.1%
30.0%	8.66	\$17.55	\$17.91	\$0.36	2.1%
40.0%	12.19	\$19.11	\$19.62	\$0.51	2.7%
50.0%	15.59	\$20.61	\$21.26	\$0.66	3.2%
60.0%	19.03	\$22.12	\$22.92	\$0.80	3.6%
70.0%	23.11	\$23.92	\$24.89	\$0.97	4.1%
80.0%	28.71	\$26.39	\$27.60	\$1.21	4.6%
90.0%	38.20	\$30.58	\$32.19	\$1.61	5.3%
100.0%	71.12	\$45.09	\$48.09	\$2.99	6.6%
Average	22.11	\$23.48	\$24.41	\$0.93	4.0%

Present Rates

Customer Charge (\$/customer)	\$13.73 (1)
Distribution Charge - First 50 therms (\$/thm)	\$0.4410 (1)
Distribution Charge - Excess 50 therms (\$/thm)	\$0.4410 (1)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.4100 (2)

Proposed Rates

Customer Charge (\$/customer)	\$13.73 (3)
Distribution Charge - First 50 therms (\$/thm)	\$0.4831 (3)
Distribution Charge - Excess 50 therms (\$/thm)	\$0.4831 (3)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.4100 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 Residential Low Income Heating Customer - R10
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Present Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	14.54	\$20.43	\$21.05	\$0.61	3.0%
20.0%	32.34	\$38.71	\$40.08	\$1.36	3.5%
30.0%	44.08	\$50.77	\$52.63	\$1.86	3.7%
40.0%	55.29	\$62.15	\$64.48	\$2.33	3.7%
50.0%	66.53	\$73.44	\$76.24	\$2.80	3.8%
60.0%	78.21	\$85.16	\$88.45	\$3.29	3.9%
70.0%	92.39	\$99.39	\$103.28	\$3.89	3.9%
80.0%	111.05	\$118.13	\$122.80	\$4.68	4.0%
90.0%	137.04	\$144.21	\$149.98	\$5.77	4.0%
100.0%	203.63	\$211.05	\$219.62	\$8.57	4.1%
Average	83.51	\$90.48	\$94.00	\$3.52	3.9%
<u>Distribution Only</u>					
10.0%	14.54	\$8.07	\$8.68	\$0.61	7.6%
20.0%	32.34	\$11.21	\$12.57	\$1.36	12.2%
30.0%	44.08	\$13.28	\$15.13	\$1.86	14.0%
40.0%	55.29	\$15.13	\$17.46	\$2.33	15.4%
50.0%	66.53	\$16.85	\$19.65	\$2.80	16.6%
60.0%	78.21	\$18.64	\$21.93	\$3.29	17.7%
70.0%	92.39	\$20.81	\$24.70	\$3.89	18.7%
80.0%	111.05	\$23.67	\$28.35	\$4.68	19.7%
90.0%	137.04	\$27.65	\$33.42	\$5.77	20.9%
100.0%	203.63	\$37.86	\$46.43	\$8.57	22.6%
Average	83.51	\$19.45	\$22.97	\$3.52	18.1%

Present Rates

Customer Charge (\$/customer)	\$5.50 (1)
Distribution Charge - First 50 therms (\$/thm)	\$0.1764 (1)
Distribution Charge - Excess 50 therms (\$/thm)	\$0.1532 (1)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.7785 (2)

Proposed Rates

Customer Charge (\$/customer)	\$5.50 (3)
Distribution Charge - First 50 therms (\$/thm)	\$0.2185 (3)
Distribution Charge - Excess 50 therms (\$/thm)	\$0.1953 (3)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.7785 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 Residential Low Income Heating Customer - R10
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Present Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.30	\$5.70	\$5.71	\$0.01	0.2%
20.0%	4.93	\$8.75	\$8.95	\$0.21	2.4%
30.0%	8.91	\$11.37	\$11.74	\$0.38	3.3%
40.0%	12.30	\$13.60	\$14.12	\$0.52	3.8%
50.0%	15.37	\$15.62	\$16.27	\$0.65	4.1%
60.0%	18.69	\$17.80	\$18.59	\$0.79	4.4%
70.0%	22.35	\$20.21	\$21.16	\$0.94	4.7%
80.0%	27.31	\$23.48	\$24.63	\$1.15	4.9%
90.0%	35.25	\$28.71	\$30.20	\$1.48	5.2%
100.0%	60.83	\$45.55	\$48.11	\$2.56	5.6%
Average	20.62	\$19.08	\$19.95	\$0.87	4.6%
<u>Distribution Only</u>					
10.0%	0.30	\$5.55	\$5.57	\$0.01	0.2%
20.0%	4.93	\$6.37	\$6.58	\$0.21	3.3%
30.0%	8.91	\$7.07	\$7.45	\$0.38	5.3%
40.0%	12.30	\$7.67	\$8.19	\$0.52	6.8%
50.0%	15.37	\$8.21	\$8.86	\$0.65	7.9%
60.0%	18.69	\$8.80	\$9.58	\$0.79	8.9%
70.0%	22.35	\$9.44	\$10.38	\$0.94	10.0%
80.0%	27.31	\$10.32	\$11.47	\$1.15	11.1%
90.0%	35.25	\$11.72	\$13.20	\$1.48	12.7%
100.0%	60.83	\$16.23	\$18.79	\$2.56	15.8%
Average	20.62	\$9.14	\$10.01	\$0.87	9.5%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$5.50 (1)	Customer Charge (\$/customer)	\$5.50 (3)	
Distribution Charge - First 50 therms (\$/thm)		\$0.1764 (1)	Distribution Charge - First 50 therms (\$/thm)	\$0.2185 (3)	
Distribution Charge - Excess 50 therms (\$/thm)		\$0.1764 (1)	Distribution Charge - Excess 50 therms (\$/thm)	\$0.2185 (3)	
LDAC (\$/thm)		\$0.0720 (1)	LDAC (\$/thm)	\$0.0720 (1)	
COG (\$/thm)		\$0.4100 (2)	COG (\$/thm)	\$0.4100 (4)	

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 Residential Non-Heating Customer - R6
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Present Rates		
<u>Delivery and Supply</u>					
10.0%	0.05	\$13.79	\$13.79	\$0.00	0.0%
20.0%	1.47	\$15.46	\$15.53	\$0.06	0.4%
30.0%	4.17	\$18.65	\$18.82	\$0.18	0.9%
40.0%	8.31	\$23.54	\$23.89	\$0.35	1.5%
50.0%	12.02	\$27.91	\$28.42	\$0.51	1.8%
60.0%	15.75	\$32.31	\$32.98	\$0.66	2.1%
70.0%	20.05	\$37.39	\$38.23	\$0.84	2.3%
80.0%	26.40	\$44.89	\$46.00	\$1.11	2.5%
90.0%	41.89	\$63.16	\$64.92	\$1.76	2.8%
100.0%	121.07	\$156.60	\$161.70	\$5.10	3.3%
Average	25.12	\$43.37	\$44.43	\$1.06	2.4%
<u>Distribution Only</u>					
10.0%	0.05	\$13.75	\$13.75	\$0.00	0.0%
20.0%	1.47	\$14.21	\$14.28	\$0.06	0.4%
30.0%	4.17	\$15.10	\$15.28	\$0.18	1.2%
40.0%	8.31	\$16.47	\$16.82	\$0.35	2.1%
50.0%	12.02	\$17.69	\$18.20	\$0.51	2.9%
60.0%	15.75	\$18.92	\$19.58	\$0.66	3.5%
70.0%	20.05	\$20.34	\$21.18	\$0.84	4.1%
80.0%	26.40	\$22.43	\$23.54	\$1.11	5.0%
90.0%	41.89	\$27.54	\$29.30	\$1.76	6.4%
100.0%	121.07	\$53.63	\$58.73	\$5.10	9.5%
Average	25.12	\$22.01	\$23.07	\$1.06	4.8%

Present Rates

Customer Charge (\$/customer)	\$13.73 (1)
Distribution Charge - First 10 therms (\$/thm)	\$0.3296 (1)
Distribution Charge - Excess 10 therms (\$/thm)	\$0.3296 (1)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.7785 (2)

Proposed Rates

Customer Charge (\$/customer)	\$13.73 (3)
Distribution Charge - First 10 therms (\$/thm)	\$0.3717 (3)
Distribution Charge - Excess 10 therms (\$/thm)	\$0.3717 (3)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.7785 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 Residential Non-Heating Customer - R6
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Present Rates		
<u>Delivery and Supply</u>					
10.0%	0.05	\$13.77	\$13.77	\$0.00	0.0%
20.0%	1.37	\$14.84	\$14.90	\$0.06	0.4%
30.0%	3.25	\$16.36	\$16.50	\$0.14	0.8%
40.0%	5.73	\$18.38	\$18.62	\$0.24	1.3%
50.0%	8.18	\$20.37	\$20.72	\$0.34	1.7%
60.0%	10.45	\$22.21	\$22.65	\$0.44	2.0%
70.0%	12.82	\$24.13	\$24.67	\$0.54	2.2%
80.0%	15.77	\$26.53	\$27.19	\$0.66	2.5%
90.0%	20.51	\$30.38	\$31.24	\$0.86	2.8%
100.0%	43.17	\$48.77	\$50.59	\$1.82	3.7%
Average	12.13	\$23.58	\$24.09	\$0.51	2.2%
<u>Distribution Only</u>					
10.0%	0.05	\$13.75	\$13.75	\$0.00	0.0%
20.0%	1.37	\$14.18	\$14.24	\$0.06	0.4%
30.0%	3.25	\$14.80	\$14.94	\$0.14	0.9%
40.0%	5.73	\$15.62	\$15.86	\$0.24	1.5%
50.0%	8.18	\$16.43	\$16.77	\$0.34	2.1%
60.0%	10.45	\$17.18	\$17.62	\$0.44	2.6%
70.0%	12.82	\$17.95	\$18.49	\$0.54	3.0%
80.0%	15.77	\$18.93	\$19.59	\$0.66	3.5%
90.0%	20.51	\$20.49	\$21.35	\$0.86	4.2%
100.0%	43.17	\$27.96	\$29.78	\$1.82	6.5%
Average	12.13	\$17.73	\$18.24	\$0.51	2.9%

Present Rates

Customer Charge (\$/customer)	\$13.73 (1)
Distribution Charge - First 10 therms (\$/thm)	\$0.3296 (1)
Distribution Charge - Excess 10 therms (\$/thm)	\$0.3296 (1)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.4100 (2)

Proposed Rates

Customer Charge (\$/customer)	\$13.73 (3)
Distribution Charge - First 10 therms (\$/thm)	\$0.3717 (3)
Distribution Charge - Excess 10 therms (\$/thm)	\$0.3717 (3)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.4100 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 Residential Low Income Non-Heating Customer - R11
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Present Rates		
<u>Delivery and Supply</u>					
9.8%	0.79	\$10.85	\$10.89	\$0.03	0.3%
20.3%	5.16	\$15.66	\$15.88	\$0.22	1.4%
30.1%	8.80	\$19.66	\$20.04	\$0.37	1.9%
39.8%	10.64	\$21.69	\$22.14	\$0.45	2.1%
50.4%	15.68	\$27.23	\$27.89	\$0.66	2.4%
60.2%	18.18	\$29.98	\$30.75	\$0.77	2.6%
69.9%	21.90	\$34.08	\$35.00	\$0.92	2.7%
79.7%	28.81	\$41.68	\$42.90	\$1.21	2.9%
90.2%	42.92	\$57.21	\$59.02	\$1.81	3.2%
100.0%	96.87	\$116.57	\$120.65	\$4.08	3.5%
Average	24.97	\$37.46	\$38.51	\$1.05	2.8%
<u>Distribution Only</u>					
9.8%	0.79	\$10.18	\$10.21	\$0.03	0.3%
20.3%	5.16	\$11.27	\$11.49	\$0.22	1.9%
30.1%	8.80	\$12.18	\$12.55	\$0.37	3.0%
39.8%	10.64	\$12.64	\$13.09	\$0.45	3.5%
50.4%	15.68	\$13.90	\$14.56	\$0.66	4.7%
60.2%	18.18	\$14.52	\$15.29	\$0.77	5.3%
69.9%	21.90	\$15.45	\$16.37	\$0.92	6.0%
79.7%	28.81	\$17.18	\$18.39	\$1.21	7.1%
90.2%	42.92	\$20.71	\$22.51	\$1.81	8.7%
100.0%	96.87	\$34.19	\$38.26	\$4.08	11.9%
Average	24.97	\$16.22	\$17.27	\$1.05	6.5%

Present Rates

Customer Charge (\$/customer)	\$9.98 (1)
Distribution Charge - First 10 therms (\$/thm)	\$0.2499 (1)
Distribution Charge - Excess 10 therms (\$/thm)	\$0.2499 (1)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.7785 (2)

Proposed Rates

Customer Charge (\$/customer)	\$9.98 (3)
Distribution Charge - First 10 therms (\$/thm)	\$0.2920 (3)
Distribution Charge - Excess 10 therms (\$/thm)	\$0.2920 (3)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.7785 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 Residential Low Income Non-Heating Customer - R11
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Present Rates		
<u>Delivery and Supply</u>					
10.5%	1.55	\$11.11	\$11.18	\$0.07	0.6%
20.0%	5.84	\$14.25	\$14.50	\$0.25	1.7%
30.5%	7.51	\$15.48	\$15.80	\$0.32	2.0%
40.0%	9.38	\$16.85	\$17.24	\$0.40	2.3%
50.5%	11.95	\$18.73	\$19.23	\$0.50	2.7%
60.0%	13.39	\$19.78	\$20.34	\$0.56	2.8%
70.5%	14.73	\$20.76	\$21.38	\$0.62	3.0%
80.0%	19.44	\$24.21	\$25.03	\$0.82	3.4%
90.5%	22.13	\$26.17	\$27.11	\$0.93	3.6%
100.0%	33.76	\$34.69	\$36.11	\$1.42	4.1%
Average	13.97	\$20.20	\$20.79	\$0.59	2.9%
<u>Distribution Only</u>					
10.5%	1.55	\$10.37	\$10.43	\$0.07	0.6%
20.0%	5.84	\$11.44	\$11.68	\$0.25	2.1%
30.5%	7.51	\$11.86	\$12.17	\$0.32	2.7%
40.0%	9.38	\$12.32	\$12.72	\$0.40	3.2%
50.5%	11.95	\$12.97	\$13.47	\$0.50	3.9%
60.0%	13.39	\$13.33	\$13.89	\$0.56	4.2%
70.5%	14.73	\$13.66	\$14.28	\$0.62	4.5%
80.0%	19.44	\$14.84	\$15.66	\$0.82	5.5%
90.5%	22.13	\$15.51	\$16.44	\$0.93	6.0%
100.0%	33.76	\$18.42	\$19.84	\$1.42	7.7%
Average	13.97	\$13.47	\$14.06	\$0.59	4.4%

Present Rates

Customer Charge (\$/customer)	\$9.98 (1)
Distribution Charge - First 10 therms (\$/thm)	\$0.2499 (1)
Distribution Charge - Excess 10 therms (\$/thm)	\$0.2499 (1)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.4100 (2)

Proposed Rates

Customer Charge (\$/customer)	\$9.98 (3)
Distribution Charge - First 10 therms (\$/thm)	\$0.2920 (3)
Distribution Charge - Excess 10 therms (\$/thm)	\$0.2920 (3)
LDAC (\$/thm)	\$0.0720 (1)
COG (\$/thm)	\$0.4100 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - Low Annual, High Winter Use - G40
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	2.41	\$34.06	\$34.17	\$0.10	0.3%
20.0%	20.19	\$53.69	\$54.54	\$0.85	1.6%
30.0%	44.77	\$80.83	\$82.72	\$1.88	2.3%
40.0%	73.93	\$113.03	\$116.15	\$3.11	2.8%
50.0%	111.55	\$152.83	\$157.52	\$4.70	3.1%
60.0%	159.57	\$203.57	\$210.29	\$6.72	3.3%
70.0%	223.56	\$271.18	\$280.60	\$9.41	3.5%
80.0%	312.10	\$364.73	\$377.87	\$13.14	3.6%
90.0%	461.29	\$522.38	\$541.80	\$19.42	3.7%
100.0%	1,036.32	\$1,129.97	\$1,173.60	\$43.63	3.9%
Average	244.57	\$293.38	\$303.68	\$10.30	3.5%
<u>Distribution Only</u>					
10.0%	2.41	\$32.05	\$32.15	\$0.10	0.3%
20.0%	20.19	\$36.85	\$37.70	\$0.85	2.3%
30.0%	44.77	\$43.49	\$45.38	\$1.88	4.3%
40.0%	73.93	\$51.37	\$54.48	\$3.11	6.1%
50.0%	111.55	\$59.79	\$64.49	\$4.70	7.9%
60.0%	159.57	\$70.48	\$77.20	\$6.72	9.5%
70.0%	223.56	\$84.73	\$94.14	\$9.41	11.1%
80.0%	312.10	\$104.44	\$117.57	\$13.14	12.6%
90.0%	461.29	\$137.65	\$157.07	\$19.42	14.1%
100.0%	1,036.32	\$265.65	\$309.28	\$43.63	16.4%
Average	244.57	\$89.40	\$99.70	\$10.30	11.5%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$31.40 (1)	Customer Charge (\$/customer)		\$31.40 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2701 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.3122 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2226 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.2647 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.7905 (2)	COG (\$/thm)		\$0.7905 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - Low Annual, High Winter Use - G40
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
20.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
30.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
40.0%	1.76	\$32.73	\$32.80	\$0.07	0.2%
50.0%	6.00	\$35.94	\$36.20	\$0.25	0.7%
60.0%	11.32	\$39.97	\$40.44	\$0.48	1.2%
70.0%	22.13	\$48.15	\$49.08	\$0.93	1.9%
80.0%	42.45	\$63.53	\$65.31	\$1.79	2.8%
90.0%	85.29	\$95.47	\$99.06	\$3.59	3.8%
100.0%	293.29	\$243.03	\$255.37	\$12.35	5.1%
Average	46.22	\$66.39	\$68.33	\$1.95	2.9%
<u>Distribution Only</u>					
10.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
20.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
30.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
40.0%	1.76	\$31.87	\$31.95	\$0.07	0.2%
50.0%	6.00	\$33.02	\$33.27	\$0.25	0.8%
60.0%	11.32	\$34.46	\$34.93	\$0.48	1.4%
70.0%	22.13	\$37.38	\$38.31	\$0.93	2.5%
80.0%	42.45	\$42.86	\$44.65	\$1.79	4.2%
90.0%	85.29	\$53.95	\$57.54	\$3.59	6.7%
100.0%	293.29	\$100.25	\$112.60	\$12.35	12.3%
Average	46.22	\$43.88	\$45.83	\$1.95	4.4%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$31.40 (1)	Customer Charge (\$/customer)	\$31.40 (3)	
Distribution Charge - First 75 therms (\$/thm)		\$0.2701 (1)	Distribution Charge - First 75 therms (\$/thm)	\$0.3122 (3)	
Distribution Charge - First 75 therms (\$/thm)		\$0.2226 (1)	Distribution Charge - First 75 therms (\$/thm)	\$0.2647 (3)	
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)	\$0.0435 (4)	
COG (\$/thm)		\$0.4433 (2)	COG (\$/thm)	\$0.4433 (4)	

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - Low Annual, Low Winter Use - G50
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
20.0%	3.42	\$34.91	\$35.06	\$0.14	0.4%
30.0%	11.82	\$43.54	\$44.04	\$0.50	1.1%
40.0%	27.55	\$59.69	\$60.85	\$1.16	1.9%
50.0%	54.75	\$87.62	\$89.93	\$2.30	2.6%
60.0%	99.55	\$132.47	\$136.66	\$4.19	3.2%
70.0%	189.68	\$220.74	\$228.73	\$7.99	3.6%
80.0%	312.69	\$341.23	\$354.39	\$13.16	3.9%
90.0%	451.83	\$477.50	\$496.52	\$19.02	4.0%
100.0%	1,095.84	\$1,108.27	\$1,154.40	\$46.13	4.2%
Average	224.71	\$255.06	\$264.52	\$9.46	3.7%
<u>Distribution Only</u>					
10.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
20.0%	3.42	\$32.32	\$32.47	\$0.14	0.4%
30.0%	11.82	\$34.59	\$35.09	\$0.50	1.4%
40.0%	27.55	\$38.84	\$40.00	\$1.16	3.0%
50.0%	54.75	\$46.19	\$48.49	\$2.30	5.0%
60.0%	99.55	\$57.12	\$61.31	\$4.19	7.3%
70.0%	189.68	\$77.19	\$85.17	\$7.99	10.3%
80.0%	312.69	\$104.57	\$117.73	\$13.16	12.6%
90.0%	451.83	\$135.54	\$154.56	\$19.02	14.0%
100.0%	1,095.84	\$278.90	\$325.03	\$46.13	16.5%
Average	224.71	\$84.98	\$94.44	\$9.46	11.1%

Present Rates

Customer Charge (\$/customer)	\$31.40 (1)
Distribution Charge - First 75 therms (\$/thm)	\$0.2701 (1)
Distribution Charge - First 75 therms (\$/thm)	\$0.2226 (1)
LDAC (\$/thm)	\$0.0435 (2)
COG (\$/thm)	\$0.7133 (2)

Proposed Rates

Customer Charge (\$/customer)	\$31.40 (3)
Distribution Charge - First 75 therms (\$/thm)	\$0.3122 (3)
Distribution Charge - First 75 therms (\$/thm)	\$0.2647 (3)
LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)	\$0.7133 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - Low Annual, Low Winter Use - G50
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
20.0%	2.18	\$32.88	\$32.98	\$0.09	0.3%
30.0%	7.90	\$36.78	\$37.11	\$0.33	0.9%
40.0%	16.80	\$42.83	\$43.54	\$0.71	1.7%
50.0%	33.40	\$54.14	\$55.55	\$1.41	2.6%
60.0%	62.45	\$73.91	\$76.54	\$2.63	3.6%
70.0%	127.76	\$115.86	\$121.24	\$5.38	4.6%
80.0%	234.04	\$183.16	\$193.01	\$9.85	5.4%
90.0%	368.70	\$268.43	\$283.95	\$15.52	5.8%
100.0%	680.15	\$465.64	\$494.28	\$28.63	6.1%
Average	153.34	\$132.06	\$138.51	\$6.46	4.9%
<u>Distribution Only</u>					
10.0%	0.00	\$31.40	\$31.40	\$0.00	0.0%
20.0%	2.18	\$31.99	\$32.08	\$0.09	0.3%
30.0%	7.90	\$33.53	\$33.87	\$0.33	1.0%
40.0%	16.80	\$35.94	\$36.64	\$0.71	2.0%
50.0%	33.40	\$40.42	\$41.83	\$1.41	3.5%
60.0%	62.45	\$48.27	\$50.90	\$2.63	5.4%
70.0%	127.76	\$63.40	\$68.78	\$5.38	8.5%
80.0%	234.04	\$87.06	\$96.91	\$9.85	11.3%
90.0%	368.70	\$117.03	\$132.56	\$15.52	13.3%
100.0%	680.15	\$186.36	\$215.00	\$28.63	15.4%
Average	153.34	\$69.10	\$75.55	\$6.46	9.3%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$31.40 (1)	Customer Charge (\$/customer)		\$31.40 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2701 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.3122 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2226 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.2647 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.3671 (2)	COG (\$/thm)		\$0.3671 (4)

(1) Current seasonal rates
 (2) 6 month average seasonal COG
 (3) Temporary Rates, including \$0.0421/thm adjustment
 (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - Medium Annual, High Winter Use - G41
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	221.11	\$323.20	\$332.51	\$9.31	2.9%
20.0%	657.46	\$775.09	\$802.77	\$27.68	3.6%
30.0%	965.49	\$1,094.10	\$1,134.75	\$40.65	3.7%
40.0%	1,269.23	\$1,408.67	\$1,462.11	\$53.43	3.8%
50.0%	1,533.21	\$1,682.05	\$1,746.60	\$64.55	3.8%
60.0%	1,846.18	\$2,006.18	\$2,083.90	\$77.72	3.9%
70.0%	2,311.10	\$2,487.66	\$2,584.96	\$97.30	3.9%
80.0%	3,110.96	\$3,316.02	\$3,447.00	\$130.97	3.9%
90.0%	4,440.89	\$4,693.35	\$4,880.31	\$186.96	4.0%
100.0%	7,802.38	\$8,174.61	\$8,503.09	\$328.48	4.0%
Average	2,415.80	\$2,596.09	\$2,697.80	\$101.71	3.9%
<u>Distribution Only</u>					
10.0%	221.11	\$138.79	\$148.09	\$9.31	6.7%
20.0%	657.46	\$226.75	\$254.43	\$27.68	12.2%
30.0%	965.49	\$288.85	\$329.50	\$40.65	14.1%
40.0%	1,269.23	\$350.09	\$403.52	\$53.43	15.3%
50.0%	1,533.21	\$403.30	\$467.85	\$64.55	16.0%
60.0%	1,846.18	\$466.40	\$544.12	\$77.72	16.7%
70.0%	2,311.10	\$560.13	\$657.43	\$97.30	17.4%
80.0%	3,110.96	\$721.38	\$852.35	\$130.97	18.2%
90.0%	4,440.89	\$989.49	\$1,176.46	\$186.96	18.9%
100.0%	7,802.38	\$1,667.17	\$1,995.65	\$328.48	19.7%
Average	2,415.80	\$581.24	\$682.94	\$101.71	17.5%

Present Rates

Customer Charge (\$/customer)	\$94.21 (1)
Distribution Charge - All therms (\$/thm)	\$0.2016 (1)
LDAC (\$/thm)	\$0.0435 (2)
COG (\$/thm)	\$0.7905 (2)

Proposed Rates

Customer Charge (\$/customer)	\$94.21 (3)
Distribution Charge - All therms (\$/thm)	\$0.2437 (3)
LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)	\$0.7905 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - Medium Annual, High Winter Use - G41
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.09	\$94.27	\$94.27	\$0.00	0.0%
20.0%	9.48	\$100.30	\$100.70	\$0.40	0.4%
30.0%	43.98	\$122.47	\$124.32	\$1.85	1.5%
40.0%	118.12	\$170.10	\$175.08	\$4.97	2.9%
50.0%	223.32	\$237.70	\$247.10	\$9.40	4.0%
60.0%	361.30	\$326.35	\$341.56	\$15.21	4.7%
70.0%	526.98	\$432.80	\$454.99	\$22.19	5.1%
80.0%	779.04	\$594.76	\$627.56	\$32.80	5.5%
90.0%	1,241.03	\$891.59	\$943.84	\$52.25	5.9%
100.0%	2,827.79	\$1,911.11	\$2,030.16	\$119.05	6.2%
Average	613.11	\$488.15	\$513.96	\$25.81	5.3%
<u>Distribution Only</u>					
10.0%	0.09	\$94.22	\$94.23	\$0.00	0.0%
20.0%	9.48	\$95.69	\$96.09	\$0.40	0.4%
30.0%	43.98	\$101.06	\$102.91	\$1.85	1.8%
40.0%	118.12	\$112.60	\$117.57	\$4.97	4.4%
50.0%	223.32	\$128.98	\$138.38	\$9.40	7.3%
60.0%	361.30	\$150.46	\$165.67	\$15.21	10.1%
70.0%	526.98	\$176.26	\$198.45	\$22.19	12.6%
80.0%	779.04	\$215.51	\$248.30	\$32.80	15.2%
90.0%	1,241.03	\$287.44	\$339.69	\$52.25	18.2%
100.0%	2,827.79	\$534.50	\$653.55	\$119.05	22.3%
Average	613.11	\$189.67	\$215.48	\$25.81	13.6%

Present Rates

Customer Charge (\$/customer)	\$94.21 (1)
Distribution Charge - All therms (\$/thm)	\$0.1557 (1)
LDAC (\$/thm)	\$0.0435 (2)
COG (\$/thm)	\$0.4433 (2)

Proposed Rates

Customer Charge (\$/customer)	\$94.21 (3)
Distribution Charge - All therms (\$/thm)	\$0.1978 (3)
LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)	\$0.4433 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - Medium Annual, Low Winter Use - G51
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	210.01	\$291.99	\$300.83	\$8.84	3.0%
20.0%	625.32	\$683.09	\$709.42	\$26.33	3.9%
30.0%	806.05	\$853.29	\$887.23	\$33.93	4.0%
40.0%	949.65	\$988.53	\$1,028.51	\$39.98	4.0%
50.0%	1,090.16	\$1,120.85	\$1,166.74	\$45.90	4.1%
60.0%	1,270.07	\$1,290.27	\$1,343.74	\$53.47	4.1%
70.0%	1,550.28	\$1,544.98	\$1,610.24	\$65.27	4.2%
80.0%	1,997.90	\$1,950.09	\$2,034.20	\$84.11	4.3%
90.0%	2,712.18	\$2,596.53	\$2,710.71	\$114.18	4.4%
100.0%	5,239.14	\$4,883.51	\$5,104.08	\$220.57	4.5%
Average	1,645.07	\$1,630.77	\$1,700.03	\$69.26	4.2%
<u>Distribution Only</u>					
10.0%	210.01	\$133.04	\$141.88	\$8.84	6.6%
20.0%	625.32	\$209.83	\$236.16	\$26.33	12.5%
30.0%	806.05	\$243.25	\$277.18	\$33.93	14.0%
40.0%	949.65	\$269.80	\$309.78	\$39.98	14.8%
50.0%	1,090.16	\$295.78	\$341.68	\$45.90	15.5%
60.0%	1,270.07	\$329.05	\$382.51	\$53.47	16.2%
70.0%	1,550.28	\$371.67	\$436.94	\$65.27	17.6%
80.0%	1,997.90	\$438.01	\$522.12	\$84.11	19.2%
90.0%	2,712.18	\$543.86	\$658.05	\$114.18	21.0%
100.0%	5,239.14	\$918.36	\$1,138.93	\$220.57	24.0%
Average	1,645.07	\$385.72	\$454.98	\$69.26	18.0%
<u>Present Rates</u>		<u>Proposed Rates</u>			
Customer Charge (\$/customer)		\$94.21 (1)		Customer Charge (\$/customer)	\$94.21 (3)
Distribution Charge - First 1,300 therms (\$/thm)		\$0.1849 (1)		Distribution Charge - First 1,300 therms (\$/thm)	\$0.2270 (3)
Distribution Charge - Excess 1,300 therms (\$/thm)		\$0.1482 (1)		Distribution Charge - Excess 1,300 therms (\$/thm)	\$0.1903 (3)
LDAC (\$/thm)		\$0.0435 (2)		LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)		\$0.7133 (2)		COG (\$/thm)	\$0.7133 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - Medium Annual, Low Winter Use - G51
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills		\$ Difference	% Difference
		@ Present Rates	Monthly Bills @ Proposed Rates		
<u>Delivery and Supply</u>					
10.0%	48.63	\$120.62	\$122.67	\$2.05	1.7%
20.0%	404.66	\$313.99	\$331.02	\$17.04	5.4%
30.0%	613.82	\$427.59	\$453.43	\$25.84	6.0%
40.0%	713.91	\$481.95	\$512.00	\$30.06	6.2%
50.0%	792.73	\$524.75	\$558.13	\$33.37	6.4%
60.0%	908.56	\$587.66	\$625.91	\$38.25	6.5%
70.0%	1,131.88	\$704.81	\$752.46	\$47.65	6.8%
80.0%	1,370.33	\$826.83	\$884.52	\$57.69	7.0%
90.0%	1,831.67	\$1,062.91	\$1,140.02	\$77.11	7.3%
100.0%	3,939.25	\$2,141.39	\$2,307.23	\$165.84	7.7%
Average	1,175.55	\$727.16	\$776.65	\$49.49	6.8%
<u>Distribution Only</u>					
10.0%	48.63	\$100.65	\$102.70	\$2.05	2.0%
20.0%	404.66	\$147.83	\$164.86	\$17.04	11.5%
30.0%	613.82	\$175.54	\$201.38	\$25.84	14.7%
40.0%	713.91	\$188.80	\$218.86	\$30.06	15.9%
50.0%	792.73	\$199.25	\$232.62	\$33.37	16.8%
60.0%	908.56	\$214.59	\$252.84	\$38.25	17.8%
70.0%	1,131.88	\$240.04	\$287.69	\$47.65	19.9%
80.0%	1,370.33	\$264.15	\$321.84	\$57.69	21.8%
90.0%	1,831.67	\$310.79	\$387.91	\$77.11	24.8%
100.0%	3,939.25	\$523.87	\$689.71	\$165.84	31.7%
Average	1,175.55	\$244.46	\$293.95	\$49.49	20.2%
<u>Present Rates</u>				<u>Proposed Rates</u>	
Customer Charge (\$/customer)		\$94.21 (1)		Customer Charge (\$/customer)	\$94.21 (3)
Distribution Charge - First 1,000 therms (\$/thm)		\$0.1325 (1)		Distribution Charge - First 1,000 therms (\$/thm)	\$0.1746 (3)
Distribution Charge - Excess 1,000 therms (\$/thm)		\$0.1011 (1)		Distribution Charge - Excess 1,000 therms (\$/thm)	\$0.1432 (3)
LDAC (\$/thm)		\$0.0435 (2)		LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)		\$0.3671 (2)		COG (\$/thm)	\$0.3671 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - High Annual, High Winter Use - G42
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.1%	1,390.20	\$1,742.25	\$1,800.78	\$58.53	3.4%
20.2%	4,399.27	\$4,833.57	\$5,018.78	\$185.21	3.8%
29.8%	6,485.82	\$6,977.14	\$7,250.20	\$273.05	3.9%
39.9%	8,324.84	\$8,866.44	\$9,216.92	\$350.48	4.0%
50.0%	10,113.63	\$10,704.12	\$11,129.90	\$425.78	4.0%
60.1%	11,568.00	\$12,198.24	\$12,685.26	\$487.01	4.0%
70.2%	13,365.63	\$14,045.01	\$14,607.70	\$562.69	4.0%
79.8%	15,495.01	\$16,232.59	\$16,884.93	\$652.34	4.0%
89.9%	21,252.86	\$22,147.82	\$23,042.56	\$894.75	4.0%
100.0%	79,682.14	\$82,174.16	\$85,528.78	\$3,354.62	4.1%
Average	17,207.74	\$17,992.13	\$18,716.58	\$724.45	4.0%
<u>Distribution Only</u>					
10.1%	1,390.20	\$582.78	\$641.30	\$58.53	10.0%
20.2%	4,399.27	\$1,164.43	\$1,349.64	\$185.21	15.9%
29.8%	6,485.82	\$1,567.76	\$1,840.81	\$273.05	17.4%
39.9%	8,324.84	\$1,923.24	\$2,273.72	\$350.48	18.2%
50.0%	10,113.63	\$2,269.01	\$2,694.80	\$425.78	18.8%
60.1%	11,568.00	\$2,550.14	\$3,037.16	\$487.01	19.1%
70.2%	13,365.63	\$2,897.63	\$3,460.32	\$562.69	19.4%
79.8%	15,495.01	\$3,309.24	\$3,961.57	\$652.34	19.7%
89.9%	21,252.86	\$4,422.23	\$5,316.97	\$894.75	20.2%
100.0%	79,682.14	\$15,716.61	\$19,071.22	\$3,354.62	21.3%
Average	17,207.74	\$3,640.31	\$4,364.75	\$724.45	19.9%

Present Rates

Customer Charge (\$/customer)	\$314.05 (1)
Distribution Charge - All therms (\$/thm)	\$0.1933 (1)
LDAC (\$/thm)	\$0.0435 (2)
COG (\$/thm)	\$0.7905 (2)

Proposed Rates

Customer Charge (\$/customer)	\$314.05 (3)
Distribution Charge - All therms (\$/thm)	\$0.2354 (3)
LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)	\$0.7905 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - High Annual, High Winter Use - G42
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
9.9%	2.06	\$315.30	\$315.39	\$0.09	0.0%
19.9%	205.60	\$438.81	\$447.47	\$8.66	2.0%
29.8%	684.63	\$729.50	\$758.32	\$28.82	4.0%
39.7%	1,189.70	\$1,035.98	\$1,086.07	\$50.09	4.8%
50.4%	2,105.45	\$1,591.67	\$1,680.31	\$88.64	5.6%
60.3%	3,109.83	\$2,201.15	\$2,332.07	\$130.92	5.9%
70.2%	4,020.05	\$2,753.48	\$2,922.73	\$169.24	6.1%
80.1%	5,065.90	\$3,388.12	\$3,601.40	\$213.27	6.3%
90.1%	7,457.24	\$4,839.23	\$5,153.18	\$313.95	6.5%
100.0%	64,602.07	\$39,515.66	\$42,235.41	\$2,719.75	6.9%
Average	8,844.25	\$5,680.89	\$6,053.23	\$372.34	6.6%
<u>Distribution Only</u>					
9.9%	2.06	\$314.30	\$314.38	\$0.09	0.0%
19.9%	205.60	\$338.72	\$347.38	\$8.66	2.6%
29.8%	684.63	\$396.21	\$425.03	\$28.82	7.3%
39.7%	1,189.70	\$456.81	\$506.90	\$50.09	11.0%
50.4%	2,105.45	\$566.70	\$655.34	\$88.64	15.6%
60.3%	3,109.83	\$687.23	\$818.15	\$130.92	19.1%
70.2%	4,020.05	\$796.46	\$965.70	\$169.24	21.2%
80.1%	5,065.90	\$921.96	\$1,135.23	\$213.27	23.1%
90.1%	7,457.24	\$1,208.92	\$1,522.87	\$313.95	26.0%
100.0%	64,602.07	\$8,066.30	\$10,786.05	\$2,719.75	33.7%
Average	8,844.25	\$1,375.36	\$1,747.70	\$372.34	27.1%

Present Rates

Customer Charge (\$/customer)	\$314.05 (1)
Distribution Charge - All therms (\$/thm)	\$0.1200 (1)
LDAC (\$/thm)	\$0.0435 (2)
COG (\$/thm)	\$0.4433 (2)

Proposed Rates

Customer Charge (\$/customer)	\$314.05 (3)
Distribution Charge - All therms (\$/thm)	\$0.1621 (3)
LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)	\$0.4433 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - High Annual, Low Winter Use - G52
 Proposed Rates versus Present Rates
 Winter

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
9.9%	3,217.00	\$3,224.90	\$3,360.33	\$135.44	4.2%
20.2%	6,919.70	\$6,575.22	\$6,866.54	\$291.32	4.4%
30.0%	10,263.29	\$9,600.62	\$10,032.70	\$432.08	4.5%
39.9%	14,303.30	\$13,256.15	\$13,858.32	\$602.17	4.5%
50.2%	21,998.36	\$20,218.90	\$21,145.03	\$926.13	4.6%
60.1%	33,454.66	\$30,584.94	\$31,993.38	\$1,408.44	4.6%
70.0%	43,727.72	\$39,880.35	\$41,721.29	\$1,840.94	4.6%
79.8%	51,473.73	\$46,889.20	\$49,056.24	\$2,167.04	4.6%
90.1%	67,708.59	\$61,579.04	\$64,429.57	\$2,850.53	4.6%
100.0%	133,178.79	\$120,818.66	\$126,425.49	\$5,606.83	4.6%
Average	38,624.51	\$35,262.80	\$36,888.89	\$1,626.09	4.6%
<u>Distribution Only</u>					
9.9%	3,217.00	\$790.17	\$925.60	\$135.44	17.1%
20.2%	6,919.70	\$1,338.17	\$1,629.48	\$291.32	21.8%
30.0%	10,263.29	\$1,833.02	\$2,265.10	\$432.08	23.6%
39.9%	14,303.30	\$2,430.94	\$3,033.11	\$602.17	24.8%
50.2%	21,998.36	\$3,569.81	\$4,495.94	\$926.13	25.9%
60.1%	33,454.66	\$5,265.34	\$6,673.78	\$1,408.44	26.7%
70.0%	43,727.72	\$6,785.75	\$8,626.69	\$1,840.94	27.1%
79.8%	51,473.73	\$7,932.16	\$10,099.21	\$2,167.04	27.3%
90.1%	67,708.59	\$10,334.92	\$13,185.45	\$2,850.53	27.6%
100.0%	133,178.79	\$20,024.51	\$25,631.34	\$5,606.83	28.0%
Average	38,624.51	\$6,030.48	\$7,656.57	\$1,626.09	27.0%

Present Rates

Customer Charge (\$/customer)	\$314.05 (1)
Distribution Charge - All therms (\$/thm)	\$0.1480 (1)
LDAC (\$/thm)	\$0.0435 (2)
COG (\$/thm)	\$0.7133 (2)

Proposed Rates

Customer Charge (\$/customer)	\$314.05 (3)
Distribution Charge - All therms (\$/thm)	\$0.1901 (3)
LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)	\$0.7133 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

Northern Utilities - NH Division
 General Service - High Annual, Low Winter Use - G52
 Proposed Rates versus Present Rates
 Summer

Cumulative Percentage of Bills	Average Monthly Usage (Therms)	Monthly Bills @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.2%	956.28	\$773.08	\$813.34	\$40.26	5.2%
19.9%	3,662.43	\$2,072.08	\$2,226.26	\$154.19	7.4%
30.1%	6,270.83	\$3,324.15	\$3,588.16	\$264.00	7.9%
39.8%	10,535.62	\$5,371.32	\$5,814.87	\$443.55	8.3%
50.0%	19,792.82	\$9,814.93	\$10,648.21	\$833.28	8.5%
60.2%	24,596.05	\$12,120.57	\$13,156.06	\$1,035.49	8.5%
69.9%	30,506.70	\$14,957.78	\$16,242.11	\$1,284.33	8.6%
80.1%	35,245.68	\$17,232.56	\$18,716.41	\$1,483.84	8.6%
89.8%	48,770.69	\$23,724.79	\$25,778.04	\$2,053.25	8.7%
100.0%	88,252.20	\$42,676.58	\$46,392.00	\$3,715.42	8.7%
Average	26,858.93	\$13,206.78	\$14,337.54	\$1,130.76	8.6%
<u>Distribution Only</u>					
10.2%	956.28	\$380.42	\$420.68	\$40.26	10.6%
19.9%	3,662.43	\$568.22	\$722.41	\$154.19	27.1%
30.1%	6,270.83	\$749.25	\$1,013.25	\$264.00	35.2%
39.8%	10,535.62	\$1,045.22	\$1,488.77	\$443.55	42.4%
50.0%	19,792.82	\$1,687.67	\$2,520.95	\$833.28	49.4%
60.2%	24,596.05	\$2,021.02	\$3,056.51	\$1,035.49	51.2%
69.9%	30,506.70	\$2,431.22	\$3,715.55	\$1,284.33	52.8%
80.1%	35,245.68	\$2,760.10	\$4,243.94	\$1,483.84	53.8%
89.8%	48,770.69	\$3,698.74	\$5,751.98	\$2,053.25	55.5%
100.0%	88,252.20	\$6,438.75	\$10,154.17	\$3,715.42	57.7%
Average	26,858.93	\$2,178.06	\$3,308.82	\$1,130.76	51.9%

Present Rates

Customer Charge (\$/customer)	\$314.05 (1)
Distribution Charge - All therms (\$/thm)	\$0.0694 (1)
LDAC (\$/thm)	\$0.0435 (2)
COG (\$/thm)	\$0.3671 (2)

Proposed Rates

Customer Charge (\$/customer)	\$314.05 (3)
Distribution Charge - All therms (\$/thm)	\$0.1115 (3)
LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)	\$0.3671 (4)

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Temporary Rates, including \$0.0421/thm adjustment
- (4) 6 month average seasonal COG

**Northern Utilities - New Hampshire Division
 Typical Residential Heating Bill (R-5)
 Bill Impacts Illustrating Changes on a Monthly Basis
 Current Rates and Temporary Rates, using 6 month average COGC**

Line No.	Residential Heating (R-5)	Nov (1)	Dec (2)	Jan (3)	Feb (4)	Mar (5)	Apr (6)	May (7)	Jun (8)	Jul (9)	Aug (10)	Sep (11)	Oct (12)	Total Peak (13)	Total Off-Peak (14)	Annual Nov-Oct (15)
1	Test Year Monthly Weather Normalized Therm per Custom	50	92	134	135	115	80	42	26	17	15	16	23	607	139	747
2	Average First Block Therm per Customer	37	44	46	46	45	40	35	24	16	14	15	21	257	127	384
3	Average Excess Block Therm per Customer	13	48	88	89	71	41	7	2	1	1	1	2	350	13	363
4																
5	Current November - October Rates															
6	Customer Charge	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73
7	Distribution - First 50 therm @	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410
8	Distribution - Over 50 therm @	\$0.3829	\$0.3829	\$0.3829	\$0.3829	\$0.3829	\$0.3829	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410	\$0.4410
9																
10	LDAC (\$/therm)	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720
11	COGC (\$/therm)	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100
12																
13	TOTAL BILL	\$78.08	\$129.48	\$182.09	\$183.12	\$158.76	\$115.04	\$52.71	\$37.52	\$29.68	\$27.43	\$28.78	\$34.88	\$847	\$211	\$1,058
14																
15																
16	Proposed Temporary Rates															
17	Customer Charge	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73
18	Distribution - First 50 therm @	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831
19	Distribution - Over 50 therm @	\$0.4250	\$0.4250	\$0.4250	\$0.4250	\$0.4250	\$0.4250	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831	\$0.4831
20																
21	LDAC (\$/therm)	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720
22	COGC (\$/therm) inc. increment	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100
23																
24	TOTAL BILL	\$80.20	\$133.34	\$187.74	\$188.81	\$163.62	\$118.42	\$54.49	\$38.60	\$30.40	\$28.05	\$29.47	\$35.85	\$872	\$217	\$1,089
25																
26	Proposed Bill less Current Bill															
27	Total Bill increase/(decrease)	\$2.12	\$3.86	\$5.66	\$5.69	\$4.86	\$3.38	\$1.78	\$1.09	\$0.73	\$0.62	\$0.69	\$0.96	\$26	\$6	\$31
28	Percentage increase/(decrease)	2.7%	3.0%	3.1%	3.1%	3.1%	2.9%	3.4%	2.9%	2.5%	2.3%	2.4%	2.8%	3.0%	2.8%	3.0%

Northern Utilities - New Hampshire Division
Typical Low Income Residential Heating Bill (R-10)
Bill Impacts Illustrating Changes on a Monthly Basis
Current Rates and Temporary Rates, using 6 month average COGC

Line No.		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total Peak	Total Off-Peak	Annual Nov-Oct
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Test Year Monthly Weather Normalized Therm per Custon	42	87	115	105	95	62	50	22	16	14	15	31	506	149	655
2	Average First Block Therm per Customer	39	48	50	48	48	43	41	22	16	14	15	22	276	129	405
3	Average Excess Block Therm per Customer	3	39	65	57	47	19	10	1	0	0	0	9	231	20	250
4																
5	<u>Current November - October Rates</u>															
6	Customer Charge	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50		
7	Distribution - First 50 therm @	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764		
8	Distribution - Over 50 therm @	\$0.1532	\$0.1532	\$0.1532	\$0.1532	\$0.1532	\$0.1532	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764	\$0.1764		
9																
10	LDAC (\$/therm)	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720		
11	COGC (\$/therm)	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100		
12																
13	TOTAL BILL	\$49.00	\$93.73	\$121.96	\$112.45	\$101.96	\$68.61	\$38.53	\$20.15	\$15.88	\$14.81	\$15.51	\$25.98	\$548	\$131	\$679
14																
15																
16	<u>Proposed Temporary Rates</u>															
17	Customer Charge	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50	\$5.50		
18	Distribution - First 50 therm @	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185		
19	Distribution - Over 50 therm @	\$0.1953	\$0.1953	\$0.1953	\$0.1953	\$0.1953	\$0.1953	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185	\$0.2185		
20																
21	LDAC (\$/therm)	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720		
22	COGC (\$/therm) inc. increment	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100		
23																
24	TOTAL BILL	\$50.79	\$97.38	\$126.80	\$116.89	\$105.95	\$71.22	\$40.64	\$21.09	\$16.54	\$15.41	\$16.15	\$27.28	\$569	\$137	\$706
25																
26	<u>Proposed Bill less Current Bill</u>															
27	Total Bill increase/(decrease)	\$1.79	\$3.65	\$4.84	\$4.44	\$4.00	\$2.61	\$2.11	\$0.94	\$0.66	\$0.60	\$0.64	\$1.31	\$21	\$6	\$28
28	Percentage increase/(decrease)	3.6%	3.9%	4.0%	3.9%	3.9%	3.8%	5.5%	4.6%	4.2%	4.0%	4.1%	5.0%	3.9%	4.8%	4.1%

Northern Utilities - New Hampshire Division
Typical Residential Non-Heating Bill (R-6)
Bill Impacts Illustrating Changes on a Monthly Basis
Current Rates and Temporary Rates, using 6 month average COGC

Line No.		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total Peak	Total Off-Peak	Annual Nov-Oct
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Test Year Monthly Weather Normalized Therm per Custom	16	24	34	34	31	24	16	14	11	11	12	11	163	76	239
2	Average First Block Therm per Customer	7	8	8	7	7	7	7	7	7	7	7	7	45	42	86
3	Average Excess Block Therm per Customer	9	16	27	26	23	17	9	7	5	4	5	4	118	34	152
4																
5	<u>Current November - October Rates</u>															
6	Customer Charge	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73
7	Distribution - First 10 therm @	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296
8	Distribution - Over 10 therm @	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296	\$0.3296
9																
10	LDAC (\$/therm)	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720
11	COGC (\$/therm)	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100
12																
13	TOTAL BILL	\$32.89	\$41.50	\$54.29	\$53.58	\$50.12	\$42.46	\$27.05	\$25.44	\$22.99	\$22.29	\$23.19	\$22.80	\$275	\$144	\$419
14																
15																
16	<u>Proposed Temporary Rates</u>															
17	Customer Charge	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73	\$13.73
18	Distribution - First 10 therm @	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717
19	Distribution - Over 10 therm @	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717	\$0.3717
20																
21	LDAC (\$/therm)	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720
22	COGC (\$/therm) inc. increment	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100
23																
24	TOTAL BILL	\$33.57	\$42.49	\$55.74	\$55.00	\$51.42	\$43.48	\$27.74	\$26.04	\$23.47	\$22.74	\$23.68	\$23.27	\$282	\$147	\$429
25																
26	<u>Proposed Bill less Current Bill</u>															
27	Total Bill increase/(decrease)	\$0.68	\$0.99	\$1.45	\$1.42	\$1.30	\$1.02	\$0.69	\$0.61	\$0.48	\$0.44	\$0.49	\$0.47	\$7	\$3	\$10
28	Percentage increase/(decrease)	2.1%	2.4%	2.7%	2.7%	2.6%	2.4%	2.6%	2.4%	2.1%	2.0%	2.1%	2.1%	2.5%	2.2%	2.4%

Northern Utilities - New Hampshire Division
Typical Low Income Residential Non-Heating Bill (R-11)
Bill Impacts Illustrating Changes on a Monthly Basis
Current Rates and Temporary Rates, using 6 month average COGC

Line No.		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total Peak	Total Off-Peak	Annual Nov-Oct
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Test Year Monthly Weather Normalized Therm per Custom	24	13	37	39	24	19	15	16	16	17	12	16	155	92	248
2	Average First Block Therm per Customer	11	10	9	10	9	9	9	9	10	10	8	11	58	57	115
3	Average Excess Block Therm per Customer	13	4	27	29	14	10	6	7	6	7	4	5	97	36	133
4																
5	<u>Current November - October Rates</u>															
6	Customer Charge	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98		
7	Distribution - First 10 therm @	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499		
8	Distribution - Over 10 therm @	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499	\$0.2499		
9																
10	LDAC (\$/therm)	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720		
11	COGC (\$/therm)	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100		
12																
13	TOTAL BILL	\$36.91	\$24.61	\$50.23	\$52.48	\$36.10	\$30.51	\$21.15	\$21.83	\$21.56	\$22.67	\$18.89	\$21.47	\$231	\$128	\$358
14																
15																
16	<u>Proposed Temporary Rates</u>															
17	Customer Charge	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98	\$9.98		
18	Distribution - First 10 therm @	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920		
19	Distribution - Over 10 therm @	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920	\$0.2920		
20																
21	LDAC (\$/therm)	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720	\$0.0720		
22	COGC (\$/therm) inc. increment	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.7785	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100	\$0.4100		
23																
24	TOTAL BILL	\$37.94	\$25.17	\$51.77	\$54.10	\$37.10	\$31.29	\$21.79	\$22.52	\$22.23	\$23.40	\$19.41	\$22.13	\$237	\$131	\$369
25																
26	<u>Proposed Bill less Current Bill</u>															
27	Total Bill increase/(decrease)	\$1.03	\$0.56	\$1.54	\$1.63	\$1.00	\$0.79	\$0.64	\$0.68	\$0.67	\$0.73	\$0.51	\$0.66	\$7	\$4	\$10
28	Percentage increase/(decrease)	2.8%	2.3%	3.1%	3.1%	2.8%	2.6%	3.0%	3.1%	3.1%	3.2%	2.7%	3.1%	2.8%	3.1%	2.9%