

Northern Utilities - NH Division
Residential Heating Customer - R5
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%	7.61	\$23.56	\$34.65	\$11.08	47.0%
20.0%	25.49	\$46.65	\$57.29	\$10.64	22.8%
30.0%	40.57	\$66.13	\$76.40	\$10.27	15.5%
40.0%	54.59	\$83.97	\$93.93	\$9.96	11.9%
50.0%	68.89	\$101.61	\$111.31	\$9.70	9.5%
60.0%	84.49	\$120.84	\$130.27	\$9.43	7.8%
70.0%	102.91	\$143.57	\$152.67	\$9.10	6.3%
80.0%	125.74	\$171.73	\$180.42	\$8.69	5.1%
90.0%	157.56	\$210.98	\$219.10	\$8.13	3.9%
100.0%	239.91	\$312.54	\$319.20	\$6.66	2.1%
Average	90.78	\$128.60	\$137.92	\$9.31	7.2%
<u>Distribution Only</u>					
10.0%	7.61	\$17.09	\$28.14	\$11.05	64.7%
20.0%	25.49	\$24.97	\$35.52	\$10.55	42.2%
30.0%	40.57	\$31.62	\$41.74	\$10.12	32.0%
40.0%	54.59	\$37.54	\$47.29	\$9.76	26.0%
50.0%	68.89	\$43.01	\$52.46	\$9.45	22.0%
60.0%	84.49	\$48.98	\$58.10	\$9.11	18.6%
70.0%	102.91	\$56.04	\$64.76	\$8.72	15.6%
80.0%	125.74	\$64.78	\$73.01	\$8.23	12.7%
90.0%	157.56	\$76.97	\$84.51	\$7.54	9.8%
100.0%	239.91	\$108.50	\$114.27	\$5.77	5.3%
Average	90.78	\$51.39	\$60.37	\$8.98	17.5%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$13.73 (1)	Customer Charge (\$/customer)		\$25.00 (3)
Distribution Charge - First 50 therms (\$/thm)		\$0.4410 (1)	Distribution Charge - First 50 therms (\$/thm)		\$0.4127 (3)
Distribution Charge - Excess 50 therms (\$/thm)		\$0.3829 (1)	Distribution Charge - Excess 50 therms (\$/thm)		\$0.3614 (3)
LDAC (\$/thm)		\$0.0720 (1)	LDAC (\$/thm)		\$0.0720 (1)
COG (\$/thm)		\$0.7785 (2)	COG (\$/thm)		\$0.7822 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

Northern Utilities - NH Division
Residential Heating Customer - R5
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%	0.20	\$13.92	\$25.17	\$11.26	80.9%
20.0%	4.26	\$17.66	\$28.64	\$10.97	62.1%
30.0%	8.66	\$21.73	\$32.39	\$10.67	49.1%
40.0%	12.19	\$24.98	\$35.40	\$10.42	41.7%
50.0%	15.59	\$28.12	\$38.30	\$10.18	36.2%
60.0%	19.03	\$31.29	\$41.23	\$9.94	31.8%
70.0%	23.11	\$35.06	\$44.72	\$9.66	27.5%
80.0%	28.71	\$40.23	\$49.49	\$9.27	23.0%
90.0%	38.20	\$48.99	\$57.60	\$8.60	17.6%
100.0%	71.12	\$79.38	\$85.68	\$6.31	7.9%
Average	22.11	\$34.14	\$43.86	\$9.73	28.5%
<u>Distribution Only</u>					
10.0%	0.20	\$13.82	\$25.07	\$11.26	81.4%
20.0%	4.26	\$15.61	\$26.57	\$10.96	70.2%
30.0%	8.66	\$17.55	\$28.18	\$10.63	60.6%
40.0%	12.19	\$19.11	\$29.48	\$10.37	54.3%
50.0%	15.59	\$20.61	\$30.73	\$10.12	49.1%
60.0%	19.03	\$22.12	\$31.99	\$9.87	44.6%
70.0%	23.11	\$23.92	\$33.49	\$9.57	40.0%
80.0%	28.71	\$26.39	\$35.55	\$9.16	34.7%
90.0%	38.20	\$30.58	\$39.04	\$8.46	27.7%
100.0%	71.12	\$45.09	\$51.14	\$6.04	13.4%
Average	22.11	\$23.48	\$33.12	\$9.65	41.1%
<u>Present Rates</u>		<u>Proposed Rates</u>			
Customer Charge (\$/customer)		\$13.73 (1)	Customer Charge (\$/customer)		
Distribution Charge - First 50 therms (\$/thm)		\$0.4410 (1)	Distribution Charge - First 50 therms (\$/thm)		
Distribution Charge - Excess 50 therms (\$/thm)		\$0.4410 (1)	Distribution Charge - Excess 50 therms (\$/thm)		
LDAC (\$/thm)		\$0.0720 (1)	LDAC (\$/thm)		
COG (\$/thm)		\$0.4100 (2)	COG (\$/thm)		
			\$25.00 (3)		
			\$0.3675 (3)		
			\$0.3675 (3)		
			\$0.0720 (1)		
			\$0.4137 (4)		

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$24.82	\$4.39	21.5%
20.0%	32.34	\$38.71	\$42.97	\$4.25	11.0%
30.0%	44.08	\$50.77	\$54.93	\$4.16	8.2%
40.0%	55.29	\$62.15	\$66.25	\$4.09	6.6%
50.0%	66.53	\$73.44	\$77.48	\$4.04	5.5%
60.0%	78.21	\$85.16	\$89.14	\$3.98	4.7%
70.0%	92.39	\$99.39	\$103.31	\$3.91	3.9%
80.0%	111.05	\$118.13	\$121.95	\$3.82	3.2%
90.0%	137.04	\$144.21	\$147.90	\$3.69	2.6%
100.0%	203.63	\$211.05	\$214.42	\$3.37	1.6%
Average	83.51	\$90.48	\$94.44	\$3.96	4.4%
<u>Distribution Only</u>					
10.0%	14.54	\$8.07	\$12.40	\$4.34	53.8%
20.0%	32.34	\$11.21	\$15.34	\$4.13	36.9%
30.0%	44.08	\$13.28	\$17.28	\$4.00	30.1%
40.0%	55.29	\$15.13	\$19.02	\$3.89	25.7%
50.0%	66.53	\$16.85	\$20.65	\$3.79	22.5%
60.0%	78.21	\$18.64	\$22.33	\$3.69	19.8%
70.0%	92.39	\$20.81	\$24.38	\$3.57	17.2%
80.0%	111.05	\$23.67	\$27.08	\$3.41	14.4%
90.0%	137.04	\$27.65	\$30.84	\$3.19	11.5%
100.0%	203.63	\$37.86	\$40.47	\$2.61	6.9%
Average	83.51	\$19.45	\$23.10	\$3.65	18.7%
<u>Present Rates</u>		<u>Proposed Rates</u>			
Customer Charge (\$/customer)		\$5.50 (1)	Customer Charge (\$/customer)		
Distribution Charge - First 50 therms (\$/thm)		\$0.1764 (1)	Distribution Charge - First 50 therms (\$/thm)		
Distribution Charge - Excess 50 therms (\$/thm)		\$0.1532 (1)	Distribution Charge - Excess 50 therms (\$/thm)		
LDAC (\$/thm)		\$0.0720 (1)	LDAC (\$/thm)		
COG (\$/thm)		\$0.7785 (2)	COG (\$/thm)		
			\$10.00 (3)		
			\$0.1651 (3)		
			\$0.1446 (3)		
			\$0.0720 (1)		
			\$0.7822 (4)		

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$10.19	\$4.49	78.9%
20.0%	4.93	\$8.75	\$13.12	\$4.37	50.0%
30.0%	8.91	\$11.37	\$15.64	\$4.27	37.6%
40.0%	12.30	\$13.60	\$17.78	\$4.18	30.8%
50.0%	15.37	\$15.62	\$19.73	\$4.10	26.3%
60.0%	18.69	\$17.80	\$21.82	\$4.02	22.6%
70.0%	22.35	\$20.21	\$24.14	\$3.93	19.4%
80.0%	27.31	\$23.48	\$27.28	\$3.80	16.2%
90.0%	35.25	\$28.71	\$32.31	\$3.59	12.5%
100.0%	60.83	\$45.55	\$48.49	\$2.94	6.4%
Average	20.62	\$19.08	\$23.05	\$3.97	20.8%
<u>Distribution Only</u>					
10.0%	0.30	\$5.55	\$10.04	\$4.49	80.9%
20.0%	4.93	\$6.37	\$10.72	\$4.36	68.4%
30.0%	8.91	\$7.07	\$11.31	\$4.24	59.9%
40.0%	12.30	\$7.67	\$11.81	\$4.14	54.0%
50.0%	15.37	\$8.21	\$12.26	\$4.05	49.3%
60.0%	18.69	\$8.80	\$12.75	\$3.95	44.9%
70.0%	22.35	\$9.44	\$13.29	\$3.84	40.7%
80.0%	27.31	\$10.32	\$14.01	\$3.70	35.8%
90.0%	35.25	\$11.72	\$15.18	\$3.46	29.6%
100.0%	60.83	\$16.23	\$18.94	\$2.71	16.7%
Average	20.62	\$9.14	\$13.03	\$3.89	42.6%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$5.50 (1)	Customer Charge (\$/customer)		\$10.00 (3)
Distribution Charge - First 50 therms (\$/thm)		\$0.1764 (1)	Distribution Charge - First 50 therms (\$/thm)		\$0.1470 (3)
Distribution Charge - Excess 50 therms (\$/thm)		\$0.1764 (1)	Distribution Charge - Excess 50 therms (\$/thm)		\$0.1470 (3)
LDAC (\$/thm)		\$0.0720 (1)	LDAC (\$/thm)		\$0.0720 (1)
COG (\$/thm)		\$0.4100 (2)	COG (\$/thm)		\$0.4137 (4)

(1) Current seasonal rates

(2) 6 month average seasonal COG

(3) Proposed Rates, Schedule PMN-1G-8

(4) 6 month average seasonal COG adjusted for changes due to rate proposal

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Proposed Rates, Schedule PMN-1G-8
- (4) 6 month average seasonal COG adjusted for changes due to rate proposal

- (1) Current seasonal rates
- (2) 6 month average seasonal COG
- (3) Proposed Rates, Schedule PMN-1G-8
- (4) 6 month average seasonal COG adjusted for changes due to rate proposal

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 @ Present Rates	Monthly Bills @ Present Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
9.8%	0.79	\$10.85	\$19.03	\$8.18	75.4%
20.3%	5.16	\$15.66	\$23.79	\$8.13	51.9%
30.1%	8.80	\$19.66	\$27.75	\$8.08	41.1%
39.8%	10.64	\$21.69	\$29.75	\$8.06	37.1%
50.4%	15.68	\$27.23	\$35.23	\$8.00	29.4%
60.2%	18.18	\$29.98	\$37.95	\$7.96	26.6%
69.9%	21.90	\$34.08	\$42.00	\$7.92	23.2%
79.7%	28.81	\$41.68	\$49.52	\$7.83	18.8%
90.2%	42.92	\$57.21	\$64.87	\$7.66	13.4%
100.0%	96.87	\$116.57	\$123.56	\$6.99	6.0%
Average	24.97	\$37.46	\$45.34	\$7.88	21.0%
<u>Distribution Only</u>					
9.8%	0.79	\$10.18	\$18.36	\$8.18	80.3%
20.3%	5.16	\$11.27	\$19.38	\$8.11	71.9%
30.1%	8.80	\$12.18	\$20.23	\$8.05	66.1%
39.8%	10.64	\$12.64	\$20.66	\$8.02	63.4%
50.4%	15.68	\$13.90	\$21.84	\$7.94	57.1%
60.2%	18.18	\$14.52	\$22.42	\$7.90	54.4%
69.9%	21.90	\$15.45	\$23.29	\$7.84	50.7%
79.7%	28.81	\$17.18	\$24.91	\$7.73	45.0%
90.2%	42.92	\$20.71	\$28.20	\$7.50	36.2%
100.0%	96.87	\$34.19	\$40.82	\$6.63	19.4%
Average	24.97	\$16.22	\$24.01	\$7.79	48.0%
<u>Present Rates</u>		<u>Proposed Rates</u>			
Customer Charge (\$/customer)		\$9.98 (1)	Customer Charge (\$/customer)		
Distribution Charge - First 10 therms (\$/thm)		\$0.2499 (1)	Distribution Charge - First 10 therms (\$/thm)		
Distribution Charge - Excess 10 therms (\$/thm)		\$0.2499 (1)	Distribution Charge - Excess 10 therms (\$/thm)		
LDAC (\$/thm)		\$0.0720 (1)	LDAC (\$/thm)		
COG (\$/thm)		\$0.7785 (2)	COG (\$/thm)		
			\$18.17 (3)		
			\$0.2338 (3)		
			\$0.2338 (3)		
			\$0.0720 (1)		
			\$0.7822 (4)		

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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 @ Present Rates	Monthly Bills @ Present Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.5%	1.55	\$11.11	\$19.28	\$8.17	73.5%
20.0%	5.84	\$14.25	\$22.37	\$8.12	57.0%
30.5%	7.51	\$15.48	\$23.58	\$8.10	52.3%
40.0%	9.38	\$16.85	\$24.92	\$8.07	47.9%
50.5%	11.95	\$18.73	\$26.77	\$8.04	42.9%
60.0%	13.39	\$19.78	\$27.80	\$8.02	40.6%
70.5%	14.73	\$20.76	\$28.77	\$8.01	38.6%
80.0%	19.44	\$24.21	\$32.16	\$7.95	32.8%
90.5%	22.13	\$26.17	\$34.09	\$7.92	30.2%
100.0%	33.76	\$34.69	\$42.46	\$7.77	22.4%
Average	13.97	\$20.20	\$28.22	\$8.02	39.7%
<u>Distribution Only</u>					
10.5%	1.55	\$10.37	\$18.53	\$8.17	78.8%
20.0%	5.84	\$11.44	\$19.53	\$8.10	70.8%
30.5%	7.51	\$11.86	\$19.93	\$8.07	68.0%
40.0%	9.38	\$12.32	\$20.36	\$8.04	65.2%
50.5%	11.95	\$12.97	\$20.96	\$8.00	61.7%
60.0%	13.39	\$13.33	\$21.30	\$7.97	59.8%
70.5%	14.73	\$13.66	\$21.61	\$7.95	58.2%
80.0%	19.44	\$14.84	\$22.71	\$7.88	53.1%
90.5%	22.13	\$15.51	\$23.34	\$7.83	50.5%
100.0%	33.76	\$18.42	\$26.06	\$7.65	41.5%
Average	13.97	\$13.47	\$21.44	\$7.97	59.1%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$9.98 (1)	Customer Charge (\$/customer)		\$18.17 (3)
Distribution Charge - First 10 therms (\$/thm)		\$0.2499 (1)	Distribution Charge - First 10 therms (\$/thm)		\$0.2338 (3)
Distribution Charge - Excess 10 therms (\$/thm)		\$0.2499 (1)	Distribution Charge - Excess 10 therms (\$/thm)		\$0.2338 (3)
LDAC (\$/thm)		\$0.0720 (1)	LDAC (\$/thm)		\$0.0720 (1)
COG (\$/thm)		\$0.4100 (2)	COG (\$/thm)		\$0.4137 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$62.38	\$28.32	83.1%
20.0%	20.19	\$53.69	\$79.92	\$26.24	48.9%
30.0%	44.77	\$80.83	\$104.19	\$23.36	28.9%
40.0%	73.93	\$113.03	\$132.97	\$19.94	17.6%
50.0%	111.55	\$152.83	\$170.54	\$17.72	11.6%
60.0%	159.57	\$203.57	\$218.53	\$14.95	7.3%
70.0%	223.56	\$271.18	\$282.46	\$11.28	4.2%
80.0%	312.10	\$364.73	\$370.92	\$6.18	1.7%
90.0%	461.29	\$522.38	\$519.98	(\$2.39)	-0.5%
100.0%	1,036.32	\$1,129.97	\$1,094.51	(\$35.46)	-3.1%
Average	244.57	\$293.38	\$303.45	\$10.07	3.4%
<u>Distribution Only</u>					
10.0%	2.41	\$32.05	\$60.36	\$28.31	88.3%
20.0%	20.19	\$36.85	\$63.01	\$26.16	71.0%
30.0%	44.77	\$43.49	\$66.68	\$23.19	53.3%
40.0%	73.93	\$51.37	\$71.04	\$19.67	38.3%
50.0%	111.55	\$59.79	\$77.10	\$17.30	28.9%
60.0%	159.57	\$70.48	\$84.85	\$14.36	20.4%
70.0%	223.56	\$84.73	\$95.18	\$10.45	12.3%
80.0%	312.10	\$104.44	\$109.46	\$5.03	4.8%
90.0%	461.29	\$137.65	\$133.54	(\$4.10)	-3.0%
100.0%	1,036.32	\$265.65	\$226.35	(\$39.29)	-14.8%
Average	244.57	\$89.40	\$98.57	\$9.16	10.2%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$31.40 (1)	Customer Charge (\$/customer)		\$60.00 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2701 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.1493 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2226 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.1614 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.7905 (2)	COG (\$/thm)		\$0.7942 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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 @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
20.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
30.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
40.0%	1.76	\$32.73	\$61.12	\$28.39	86.8%
50.0%	6.00	\$35.94	\$63.84	\$27.90	77.6%
60.0%	11.32	\$39.97	\$67.24	\$27.27	68.2%
70.0%	22.13	\$48.15	\$74.16	\$26.01	54.0%
80.0%	42.45	\$63.53	\$87.16	\$23.63	37.2%
90.0%	85.29	\$95.47	\$114.69	\$19.23	20.1%
100.0%	293.29	\$243.03	\$250.29	\$7.27	3.0%
Average	46.22	\$66.39	\$89.57	\$23.19	34.9%
<u>Distribution Only</u>					
10.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
20.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
30.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
40.0%	1.76	\$31.87	\$60.26	\$28.39	89.1%
50.0%	6.00	\$33.02	\$60.90	\$27.87	84.4%
60.0%	11.32	\$34.46	\$61.69	\$27.23	79.0%
70.0%	22.13	\$37.38	\$63.30	\$25.93	69.4%
80.0%	42.45	\$42.86	\$66.34	\$23.47	54.8%
90.0%	85.29	\$53.95	\$72.86	\$18.91	35.1%
100.0%	293.29	\$100.25	\$106.43	\$6.18	6.2%
Average	46.22	\$43.88	\$66.90	\$23.02	52.4%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$31.40 (1)	Customer Charge (\$/customer)		\$60.00 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2701 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.1493 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2226 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.1614 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.4433 (2)	COG (\$/thm)		\$0.4470 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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 @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
20.0%	3.42	\$34.91	\$63.11	\$28.20	80.8%
30.0%	11.82	\$43.54	\$70.76	\$27.22	62.5%
40.0%	27.55	\$59.69	\$85.07	\$25.37	42.5%
50.0%	54.75	\$87.62	\$109.81	\$22.19	25.3%
60.0%	99.55	\$132.47	\$150.87	\$18.41	13.9%
70.0%	189.68	\$220.74	\$233.97	\$13.22	6.0%
80.0%	312.69	\$341.23	\$347.38	\$6.15	1.8%
90.0%	451.83	\$477.50	\$475.65	(\$1.85)	-0.4%
100.0%	1,095.84	\$1,108.27	\$1,069.39	(\$38.88)	-3.5%
Average	224.71	\$255.06	\$266.26	\$11.21	4.4%
<u>Distribution Only</u>					
10.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
20.0%	3.42	\$32.32	\$60.51	\$28.19	87.2%
30.0%	11.82	\$34.59	\$61.77	\$27.17	78.5%
40.0%	27.55	\$38.84	\$64.11	\$25.27	65.1%
50.0%	54.75	\$46.19	\$68.17	\$21.99	47.6%
60.0%	99.55	\$57.12	\$75.16	\$18.04	31.6%
70.0%	189.68	\$77.19	\$89.71	\$12.52	16.2%
80.0%	312.69	\$104.57	\$109.56	\$4.99	4.8%
90.0%	451.83	\$135.54	\$132.02	(\$3.52)	-2.6%
100.0%	1,095.84	\$278.90	\$235.96	(\$42.94)	-15.4%
Average	224.71	\$84.98	\$95.36	\$10.38	12.2%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$31.40 (1)	Customer Charge (\$/customer)		\$60.00 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2701 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.1493 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2226 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.1614 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.7133 (2)	COG (\$/thm)		\$0.7170 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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 @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
20.0%	2.18	\$32.88	\$61.23	\$28.34	86.2%
30.0%	7.90	\$36.78	\$64.45	\$27.67	75.3%
40.0%	16.80	\$42.83	\$69.47	\$26.63	62.2%
50.0%	33.40	\$54.14	\$78.83	\$24.69	45.6%
60.0%	62.45	\$73.91	\$95.20	\$21.29	28.8%
70.0%	127.76	\$115.86	\$132.65	\$16.78	14.5%
80.0%	234.04	\$183.16	\$193.83	\$10.67	5.8%
90.0%	368.70	\$268.43	\$271.36	\$2.93	1.1%
100.0%	680.15	\$465.64	\$450.67	(\$14.98)	-3.2%
Average	153.34	\$132.06	\$147.37	\$15.31	11.6%
<u>Distribution Only</u>					
10.0%	0.00	\$31.40	\$60.00	\$28.60	91.1%
20.0%	2.18	\$31.99	\$60.33	\$28.34	88.6%
30.0%	7.90	\$33.53	\$61.18	\$27.65	82.4%
40.0%	16.80	\$35.94	\$62.51	\$26.57	73.9%
50.0%	33.40	\$40.42	\$64.99	\$24.56	60.8%
60.0%	62.45	\$48.27	\$69.32	\$21.06	43.6%
70.0%	127.76	\$63.40	\$79.71	\$16.31	25.7%
80.0%	234.04	\$87.06	\$96.87	\$9.81	11.3%
90.0%	368.70	\$117.03	\$118.60	\$1.57	1.3%
100.0%	680.15	\$186.36	\$168.87	(\$17.50)	-9.4%
Average	153.34	\$69.10	\$83.84	\$14.75	21.3%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$31.40 (1)	Customer Charge (\$/customer)		\$60.00 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2701 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.1493 (3)
Distribution Charge - First 75 therms (\$/thm)		\$0.2226 (1)	Distribution Charge - First 75 therms (\$/thm)		\$0.1614 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.3671 (2)	COG (\$/thm)		\$0.3708 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$401.64	\$78.45	24.3%
20.0%	657.46	\$775.09	\$848.91	\$73.82	9.5%
30.0%	965.49	\$1,094.10	\$1,164.65	\$70.56	6.4%
40.0%	1,269.23	\$1,408.67	\$1,476.01	\$67.34	4.8%
50.0%	1,533.21	\$1,682.05	\$1,746.59	\$64.54	3.8%
60.0%	1,846.18	\$2,006.18	\$2,067.40	\$61.22	3.1%
70.0%	2,311.10	\$2,487.66	\$2,543.96	\$56.29	2.3%
80.0%	3,110.96	\$3,316.02	\$3,363.84	\$47.81	1.4%
90.0%	4,440.89	\$4,693.35	\$4,727.06	\$33.72	0.7%
100.0%	7,802.38	\$8,174.61	\$8,172.70	(\$1.92)	0.0%
Average	2,415.80	\$2,596.09	\$2,651.28	\$55.18	2.1%
<u>Distribution Only</u>					
10.0%	221.11	\$138.79	\$216.41	\$77.63	55.9%
20.0%	657.46	\$226.75	\$298.14	\$71.39	31.5%
30.0%	965.49	\$288.85	\$355.84	\$66.98	23.2%
40.0%	1,269.23	\$350.09	\$412.73	\$62.64	17.9%
50.0%	1,533.21	\$403.30	\$462.17	\$58.87	14.6%
60.0%	1,846.18	\$466.40	\$520.79	\$54.39	11.7%
70.0%	2,311.10	\$560.13	\$607.87	\$47.74	8.5%
80.0%	3,110.96	\$721.38	\$757.68	\$36.30	5.0%
90.0%	4,440.89	\$989.49	\$1,006.78	\$17.29	1.7%
100.0%	7,802.38	\$1,667.17	\$1,636.39	(\$30.78)	-1.8%
Average	2,415.80	\$581.24	\$627.48	\$46.24	8.0%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$94.21 (1)	Customer Charge (\$/customer)		\$175.00 (3)
Distribution Charge - All therms (\$/thm)		\$0.2016 (1)	Distribution Charge - All therms (\$/thm)		\$0.1873 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.7905 (2)	COG (\$/thm)		\$0.7942 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$175.07	\$80.80	85.7%
20.0%	9.48	\$100.30	\$182.01	\$81.71	81.5%
30.0%	43.98	\$122.47	\$207.52	\$85.06	69.5%
40.0%	118.12	\$170.10	\$262.35	\$92.25	54.2%
50.0%	223.32	\$237.70	\$340.15	\$102.45	43.1%
60.0%	361.30	\$326.35	\$442.19	\$115.84	35.5%
70.0%	526.98	\$432.80	\$564.71	\$131.91	30.5%
80.0%	779.04	\$594.76	\$751.12	\$156.36	26.3%
90.0%	1,241.03	\$891.59	\$1,092.76	\$201.17	22.6%
100.0%	2,827.79	\$1,911.11	\$2,266.20	\$355.09	18.6%
Average	613.11	\$488.15	\$628.41	\$140.26	28.7%
<u>Distribution Only</u>					
10.0%	0.09	\$94.22	\$175.02	\$80.80	85.8%
20.0%	9.48	\$95.69	\$177.36	\$81.67	85.4%
30.0%	43.98	\$101.06	\$185.95	\$84.89	84.0%
40.0%	118.12	\$112.60	\$204.41	\$91.81	81.5%
50.0%	223.32	\$128.98	\$230.61	\$101.63	78.8%
60.0%	361.30	\$150.46	\$264.96	\$114.50	76.1%
70.0%	526.98	\$176.26	\$306.22	\$129.96	73.7%
80.0%	779.04	\$215.51	\$368.98	\$153.47	71.2%
90.0%	1,241.03	\$287.44	\$484.02	\$196.58	68.4%
100.0%	2,827.79	\$534.50	\$879.12	\$344.62	64.5%
Average	613.11	\$189.67	\$327.67	\$137.99	72.8%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$94.21 (1)	Customer Charge (\$/customer)		\$175.00 (3)
Distribution Charge - All therms (\$/thm)		\$0.1557 (1)	Distribution Charge - All therms (\$/thm)		\$0.2490 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.4433 (2)	COG (\$/thm)		\$0.4470 (4)

(1) Current seasonal rates

(2) 6 month average seasonal COG

(3) Proposed Rates, Schedule PMN-1G-8

(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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 @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	210.01	\$291.99	\$369.10	\$77.11	26.4%
20.0%	625.32	\$683.09	\$752.94	\$69.85	10.2%
30.0%	806.05	\$853.29	\$919.97	\$66.68	7.8%
40.0%	949.65	\$988.53	\$1,052.70	\$64.17	6.5%
50.0%	1,090.16	\$1,120.85	\$1,182.56	\$61.71	5.5%
60.0%	1,270.07	\$1,290.27	\$1,348.84	\$58.56	4.5%
70.0%	1,550.28	\$1,544.98	\$1,601.57	\$56.59	3.7%
80.0%	1,997.90	\$1,950.09	\$2,004.08	\$53.99	2.8%
90.0%	2,712.18	\$2,596.53	\$2,646.38	\$49.85	1.9%
100.0%	5,239.14	\$4,883.51	\$4,918.71	\$35.19	0.7%
Average	1,645.07	\$1,630.77	\$1,686.81	\$56.04	3.4%
<u>Distribution Only</u>					
10.0%	210.01	\$133.04	\$209.38	\$76.34	57.4%
20.0%	625.32	\$209.83	\$277.36	\$67.53	32.2%
30.0%	806.05	\$243.25	\$306.95	\$63.70	26.2%
40.0%	949.65	\$269.80	\$330.46	\$60.66	22.5%
50.0%	1,090.16	\$295.78	\$353.46	\$57.68	19.5%
60.0%	1,270.07	\$329.05	\$382.91	\$53.86	16.4%
70.0%	1,550.28	\$371.67	\$422.52	\$50.85	13.7%
80.0%	1,997.90	\$438.01	\$484.61	\$46.60	10.6%
90.0%	2,712.18	\$543.86	\$583.68	\$39.81	7.3%
100.0%	5,239.14	\$918.36	\$934.17	\$15.81	1.7%
Average	1,645.07	\$385.72	\$435.67	\$49.95	13.0%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$94.21 (1)	Customer Charge (\$/customer)		\$175.00 (3)
Distribution Charge - First 1,300 therms (\$/thm)		\$0.1849 (1)	Distribution Charge - First 1,300 therms (\$/thm)		\$0.1637 (3)
Distribution Charge - Excess 1,300 therms (\$/thm)		\$0.1482 (1)	Distribution Charge - Excess 1,300 therms (\$/thm)		\$0.1387 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.7133 (2)	COG (\$/thm)		\$0.7170 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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 @ Present Rates	Monthly Bills @ Proposed Rates	\$ Difference	% Difference
<u>Delivery and Supply</u>					
10.0%	48.63	\$120.62	\$201.65	\$81.03	67.2%
20.0%	404.66	\$313.99	\$396.76	\$82.77	26.4%
30.0%	613.82	\$427.59	\$511.39	\$83.80	19.6%
40.0%	713.91	\$481.95	\$566.24	\$84.29	17.5%
50.0%	792.73	\$524.75	\$609.43	\$84.67	16.1%
60.0%	908.56	\$587.66	\$672.90	\$85.24	14.5%
70.0%	1,131.88	\$704.81	\$792.65	\$87.84	12.5%
80.0%	1,370.33	\$826.83	\$918.56	\$91.73	11.1%
90.0%	1,831.67	\$1,062.91	\$1,162.15	\$99.25	9.3%
100.0%	3,939.25	\$2,141.39	\$2,274.99	\$133.60	6.2%
Average	1,175.55	\$727.16	\$815.71	\$88.55	12.2%
<u>Distribution Only</u>					
10.0%	48.63	\$100.65	\$181.50	\$80.85	80.3%
20.0%	404.66	\$147.83	\$229.10	\$81.28	55.0%
30.0%	613.82	\$175.54	\$257.07	\$81.53	46.4%
40.0%	713.91	\$188.80	\$270.45	\$81.65	43.2%
50.0%	792.73	\$199.25	\$280.99	\$81.74	41.0%
60.0%	908.56	\$214.59	\$296.47	\$81.88	38.2%
70.0%	1,131.88	\$240.04	\$323.69	\$83.65	34.8%
80.0%	1,370.33	\$264.15	\$350.81	\$86.66	32.8%
90.0%	1,831.67	\$310.79	\$403.26	\$92.47	29.8%
100.0%	3,939.25	\$523.87	\$642.89	\$119.02	22.7%
Average	1,175.55	\$244.46	\$328.66	\$84.20	34.4%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$94.21 (1)	Customer Charge (\$/customer)		\$175.00 (3)
Distribution Charge - First 1,000 therms (\$/thm)		\$0.1325 (1)	Distribution Charge - First 1,000 therms (\$/thm)		\$0.1337 (3)
Distribution Charge - Excess 1,000 therms (\$/thm)		\$0.1011 (1)	Distribution Charge - Excess 1,000 therms (\$/thm)		\$0.1137 (3)
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)		\$0.0435 (4)
COG (\$/thm)		\$0.3671 (2)	COG (\$/thm)		\$0.3708 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$2,422.50	\$680.25	39.0%
20.2%	4,399.27	\$4,833.57	\$5,501.48	\$667.91	13.8%
29.8%	6,485.82	\$6,977.14	\$7,636.50	\$659.36	9.5%
39.9%	8,324.84	\$8,866.44	\$9,518.26	\$651.82	7.4%
50.0%	10,113.63	\$10,704.12	\$11,348.60	\$644.48	6.0%
60.1%	11,568.00	\$12,198.24	\$12,836.76	\$638.52	5.2%
70.2%	13,365.63	\$14,045.01	\$14,676.16	\$631.15	4.5%
79.8%	15,495.01	\$16,232.59	\$16,855.01	\$622.42	3.8%
89.9%	21,252.86	\$22,147.82	\$22,746.63	\$598.81	2.7%
100.0%	79,682.14	\$82,174.16	\$82,533.42	\$359.25	0.4%
Average	17,207.74	\$17,992.13	\$18,607.53	\$615.40	3.4%
<u>Distribution Only</u>					
10.1%	1,390.20	\$582.78	\$1,257.88	\$675.11	115.8%
20.2%	4,399.27	\$1,164.43	\$1,816.06	\$651.64	56.0%
29.8%	6,485.82	\$1,567.76	\$2,203.12	\$635.36	40.5%
39.9%	8,324.84	\$1,923.24	\$2,544.26	\$621.02	32.3%
50.0%	10,113.63	\$2,269.01	\$2,876.08	\$607.06	26.8%
60.1%	11,568.00	\$2,550.14	\$3,145.86	\$595.72	23.4%
70.2%	13,365.63	\$2,897.63	\$3,479.32	\$581.70	20.1%
79.8%	15,495.01	\$3,309.24	\$3,874.32	\$565.09	17.1%
89.9%	21,252.86	\$4,422.23	\$4,942.40	\$520.18	11.8%
100.0%	79,682.14	\$15,716.61	\$15,781.04	\$64.43	0.4%
Average	17,207.74	\$3,640.31	\$4,192.04	\$551.73	15.2%
<u>Present Rates</u>		<u>Proposed Rates</u>			
Customer Charge (\$/customer)		\$314.05	(1)	Customer Charge (\$/customer)	\$1,000.00 (3)
Distribution Charge - All therms (\$/thm)		\$0.1933	(1)	Distribution Charge - All therms (\$/thm)	\$0.1855 (3)
LDAC (\$/thm)		\$0.0435	(2)	LDAC (\$/thm)	\$0.0435 (4)
COG (\$/thm)		\$0.7905	(2)	COG (\$/thm)	\$0.7942 (4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$1,001.25	\$685.95	217.6%
19.9%	205.60	\$438.81	\$1,124.27	\$685.46	156.2%
29.8%	684.63	\$729.50	\$1,413.80	\$684.31	93.8%
39.7%	1,189.70	\$1,035.98	\$1,719.08	\$683.09	65.9%
50.4%	2,105.45	\$1,591.67	\$2,272.57	\$680.90	42.8%
60.3%	3,109.83	\$2,201.15	\$2,879.63	\$678.49	30.8%
70.2%	4,020.05	\$2,753.48	\$3,429.78	\$676.30	24.6%
80.1%	5,065.90	\$3,388.12	\$4,061.92	\$673.79	19.9%
90.1%	7,457.24	\$4,839.23	\$5,507.28	\$668.05	13.8%
100.0%	64,602.07	\$39,515.66	\$40,046.57	\$530.91	1.3%
Average	8,844.25	\$5,680.89	\$6,345.61	\$664.72	11.7%
<u>Distribution Only</u>					
9.9%	2.06	\$314.30	\$1,000.23	\$685.94	218.2%
19.9%	205.60	\$338.72	\$1,023.42	\$684.70	202.1%
29.8%	684.63	\$396.21	\$1,077.98	\$681.77	172.1%
39.7%	1,189.70	\$456.81	\$1,135.51	\$678.69	148.6%
50.4%	2,105.45	\$566.70	\$1,239.81	\$673.11	118.8%
60.3%	3,109.83	\$687.23	\$1,354.21	\$666.98	97.1%
70.2%	4,020.05	\$796.46	\$1,457.88	\$661.43	83.0%
80.1%	5,065.90	\$921.96	\$1,577.01	\$655.05	71.0%
90.1%	7,457.24	\$1,208.92	\$1,849.38	\$640.46	53.0%
100.0%	64,602.07	\$8,066.30	\$8,358.18	\$291.88	3.6%
Average	8,844.25	\$1,375.36	\$2,007.36	\$632.00	46.0%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$314.05 (1)	Customer Charge (\$/customer)	\$1,000.00 (3)	
Distribution Charge - All therms (\$/thm)		\$0.1200 (1)	Distribution Charge - All therms (\$/thm)	\$0.1139 (3)	
LDAC (\$/thm)		\$0.0435 (2)	LDAC (\$/thm)	\$0.0435 (4)	
COG (\$/thm)		\$0.4433 (2)	COG (\$/thm)	\$0.4470 (4)	

(1) Current seasonal rates

(2) 6 month average seasonal COG

(3) Proposed Rates, Schedule PMN-1G-8

(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$3,953.63	\$728.74	22.6%
20.2%	6,919.70	\$6,575.22	\$7,353.20	\$777.98	11.8%
30.0%	10,263.29	\$9,600.62	\$10,423.07	\$822.45	8.6%
39.9%	14,303.30	\$13,256.15	\$14,132.33	\$876.18	6.6%
50.2%	21,998.36	\$20,218.90	\$21,197.43	\$978.53	4.8%
60.1%	33,454.66	\$30,584.94	\$31,715.84	\$1,130.90	3.7%
70.0%	43,727.72	\$39,880.35	\$41,147.88	\$1,267.53	3.2%
79.8%	51,473.73	\$46,889.20	\$48,259.75	\$1,370.55	2.9%
90.1%	67,708.59	\$61,579.04	\$63,165.51	\$1,586.47	2.6%
100.0%	133,178.79	\$120,818.66	\$123,275.89	\$2,457.23	2.0%
Average	38,624.51	\$35,262.80	\$36,462.45	\$1,199.66	3.4%
<u>Distribution Only</u>					
9.9%	3,217.00	\$790.17	\$1,507.00	\$716.83	90.7%
20.2%	6,919.70	\$1,338.17	\$2,090.54	\$752.38	56.2%
30.0%	10,263.29	\$1,833.02	\$2,617.49	\$784.48	42.8%
39.9%	14,303.30	\$2,430.94	\$3,254.20	\$823.26	33.9%
50.2%	21,998.36	\$3,569.81	\$4,466.94	\$897.13	25.1%
60.1%	33,454.66	\$5,265.34	\$6,272.45	\$1,007.11	19.1%
70.0%	43,727.72	\$6,785.75	\$7,891.49	\$1,105.74	16.3%
79.8%	51,473.73	\$7,932.16	\$9,112.26	\$1,180.10	14.9%
90.1%	67,708.59	\$10,334.92	\$11,670.87	\$1,335.95	12.9%
100.0%	133,178.79	\$20,024.51	\$21,988.98	\$1,964.47	9.8%
Average	38,624.51	\$6,030.48	\$7,087.22	\$1,056.75	17.5%
<u>Present Rates</u>			<u>Proposed Rates</u>		
Customer Charge (\$/customer)		\$314.05	(1)	Customer Charge (\$/customer)	
Distribution Charge - All therms (\$/thm)		\$0.1480	(1)	Distribution Charge - All therms (\$/thm)	
LDAC (\$/thm)		\$0.0435	(2)	LDAC (\$/thm)	
COG (\$/thm)		\$0.7133	(2)	COG (\$/thm)	

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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	\$1,466.49	\$693.41	89.7%
19.9%	3,662.43	\$2,072.08	\$2,786.59	\$714.52	34.5%
30.1%	6,270.83	\$3,324.15	\$4,059.02	\$734.86	22.1%
39.8%	10,535.62	\$5,371.32	\$6,139.45	\$768.13	14.3%
50.0%	19,792.82	\$9,814.93	\$10,655.27	\$840.33	8.6%
60.2%	24,596.05	\$12,120.57	\$12,998.36	\$877.80	7.2%
69.9%	30,506.70	\$14,957.78	\$15,881.68	\$923.90	6.2%
80.1%	35,245.68	\$17,232.56	\$18,193.43	\$960.87	5.6%
89.8%	48,770.69	\$23,724.79	\$24,791.15	\$1,066.36	4.5%
100.0%	88,252.20	\$42,676.58	\$44,050.89	\$1,374.32	3.2%
Average	26,858.93	\$13,206.78	\$14,102.23	\$895.45	6.8%
<u>Distribution Only</u>					
10.2%	956.28	\$380.42	\$1,070.29	\$689.87	181.3%
19.9%	3,662.43	\$568.22	\$1,269.19	\$700.97	123.4%
30.1%	6,270.83	\$749.25	\$1,460.91	\$711.66	95.0%
39.8%	10,535.62	\$1,045.22	\$1,774.37	\$729.15	69.8%
50.0%	19,792.82	\$1,687.67	\$2,454.77	\$767.10	45.5%
60.2%	24,596.05	\$2,021.02	\$2,807.81	\$786.79	38.9%
69.9%	30,506.70	\$2,431.22	\$3,242.24	\$811.03	33.4%
80.1%	35,245.68	\$2,760.10	\$3,590.56	\$830.46	30.1%
89.8%	48,770.69	\$3,698.74	\$4,584.65	\$885.91	24.0%
100.0%	88,252.20	\$6,438.75	\$7,486.54	\$1,047.78	16.3%
Average	26,858.93	\$2,178.06	\$2,974.13	\$796.07	36.5%

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)	\$1,000.00	(3)
Distribution Charge - All therms (\$/thm)	\$0.0735	(3)
LDAC (\$/thm)	\$0.0435	(4)
COG (\$/thm)	\$0.3708	(4)

- (1) Current seasonal rates
(2) 6 month average seasonal COG
(3) Proposed Rates, Schedule PMN-1G-8
(4) 6 month average seasonal COG adjusted for changes due to rate proposal

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

Line		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	Total	Annual
No.	<u>Residential Heating (R-5)</u>	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	Peak	Off-Peak	Nov-Oct
1	Test Year Monthly Weather Normalized Therm per Custon	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	<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			
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			
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			
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			
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			
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	<u>Proposed November - October Rates</u>															
17	Customer Charge	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00			
18	Distribution - First 50 therm @	\$0.4127	\$0.4127	\$0.4127	\$0.4127	\$0.4127	\$0.4127	\$0.3675	\$0.3675	\$0.3675	\$0.3675	\$0.3675	\$0.3675			
19	Distribution - Over 50 therm @	\$0.3614	\$0.3614	\$0.3614	\$0.3614	\$0.3614	\$0.3614	\$0.3675	\$0.3675	\$0.3675	\$0.3675	\$0.3675	\$0.3675			
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			
22	COGC (\$/therm) inc. increment	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.4137	\$0.4137	\$0.4137	\$0.4137	\$0.4137	\$0.4137			
23																
24	TOTAL BILL	\$88.20	\$138.82	\$190.65	\$191.67	\$167.67	\$124.61	\$61.04	\$46.99	\$39.74	\$37.66	\$38.92	\$44.55	\$902	\$269	\$1,171
25																
26	<u>Proposed Bill less Current Bill</u>															
27	Total Bill increase/(decrease)	\$10.12	\$9.34	\$8.57	\$8.55	\$8.91	\$9.57	\$8.32	\$9.47	\$10.06	\$10.23	\$10.13	\$9.67	\$55	\$58	\$113
28	Percentage increase/(decrease)	13.0%	7.2%	4.7%	4.7%	5.6%	8.3%	15.8%	25.2%	33.9%	37.3%	35.2%	27.7%	6.5%	27.4%	10.7%

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

Line																
No.	<u>Low Income Residential Heating (R-10)</u>	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			
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			
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			
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			
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			
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 November - October Rates</u>															
17	Customer Charge	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00			
18	Distribution - First 50 therm @	\$0.1651	\$0.1651	\$0.1651	\$0.1651	\$0.1651	\$0.1651	\$0.1470	\$0.1470	\$0.1470	\$0.1470	\$0.1470	\$0.1470			
19	Distribution - Over 50 therm @	\$0.1446	\$0.1446	\$0.1446	\$0.1446	\$0.1446	\$0.1446	\$0.1470	\$0.1470	\$0.1470	\$0.1470	\$0.1470	\$0.1470			
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			
22	COGC (\$/therm) inc. increment	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.4137	\$0.4137	\$0.4137	\$0.4137	\$0.4137	\$0.4137			
23																
24	TOTAL BILL	\$53.19	\$97.67	\$125.76	\$116.30	\$105.86	\$72.70	\$41.74	\$24.08	\$19.97	\$18.95	\$19.62	\$29.68	\$571	\$154	\$726
25																
26	<u>Proposed Bill less Current Bill</u>															
27	Total Bill increase/(decrease)	\$4.19	\$3.95	\$3.80	\$3.85	\$3.90	\$4.08	\$3.21	\$3.93	\$4.09	\$4.14	\$4.11	\$3.70	\$24	\$23	\$47
28	Percentage increase/(decrease)	8.5%	4.2%	3.1%	3.4%	3.8%	5.9%	8.3%	19.5%	25.8%	27.9%	26.5%	14.2%	4.3%	17.7%	6.9%

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

Line		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total	Total	Annual
No.	<u>Residential Non-Heating (R-6)</u>	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	Peak	Off-Peak	Nov-Oct
1	Test Year Monthly Weather Normalized Therm per Custon	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			
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			
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			
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			
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			
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 November - October Rates</u>															
17	Customer Charge	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00			
18	Distribution - First 10 therm @	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084			
19	Distribution - Over 10 therm @	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084	\$0.3084			
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			
22	COGC (\$/therm) inc. increment	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.4137	\$0.4137	\$0.4137	\$0.4137	\$0.4137	\$0.4137			
23																
24	TOTAL BILL	\$43.87	\$52.35	\$64.96	\$64.26	\$60.85	\$53.30	\$38.04	\$36.45	\$34.06	\$33.38	\$34.25	\$33.88	\$340	\$210	\$550
25																
26	<u>Proposed Bill less Current Bill</u>															
27	Total Bill increase/(decrease)	\$10.99	\$10.86	\$10.67	\$10.68	\$10.73	\$10.84	\$10.98	\$11.02	\$11.07	\$11.09	\$11.07	\$11.07	\$65	\$66	\$131
28	Percentage increase/(decrease)	33.4%	26.2%	19.6%	19.9%	21.4%	25.5%	40.6%	43.3%	48.2%	49.7%	47.7%	48.6%	23.6%	46.1%	31.3%

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 Proposed Rates, using 6 month average COGC

Line		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Total Peak	Total Off-Peak	Annual Nov-Oct
No.	<u>Low Income Residential Non-Heating (R-11)</u>	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>	<u>(6)</u>	<u>(7)</u>	<u>(8)</u>	<u>(9)</u>	<u>(10)</u>	<u>(11)</u>	<u>(12)</u>	<u>(13)</u>	<u>(14)</u>	<u>(15)</u>
1	Test Year Monthly Weather Normalized Therm per Custon	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			
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			
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			
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			
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			
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 November - October Rates</u>															
17	Customer Charge	\$18.17	\$18.17	\$18.17	\$18.17	\$18.17	\$18.17	\$18.17	\$18.17	\$18.17	\$18.17	\$18.17	\$18.17			
18	Distribution - First 10 therm @	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338			
19	Distribution - Over 10 therm @	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338	\$0.2338			
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			
22	COGC (\$/therm) inc. increment	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.7822	\$0.4137	\$0.4137	\$0.4137	\$0.4137	\$0.4137	\$0.4137			
23																
24	TOTAL BILL	\$44.79	\$32.64	\$57.97	\$60.19	\$43.99	\$38.47	\$29.15	\$29.82	\$29.56	\$30.64	\$26.93	\$29.46	\$278	\$176	\$454
25																
26	<u>Proposed Bill less Current Bill</u>															
27	Total Bill increase/(decrease)	\$7.89	\$8.03	\$7.74	\$7.71	\$7.90	\$7.96	\$8.00	\$7.99	\$7.99	\$7.98	\$8.04	\$8.00	\$47	\$48	\$95
28	Percentage increase/(decrease)	21.4%	32.6%	15.4%	14.7%	21.9%	26.1%	37.8%	36.6%	37.1%	35.2%	42.5%	37.2%	20.5%	37.6%	26.6%