

Utility Allowance Schedule for New Hampshire

(Section 8 Existing Housing Program)

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Prepared by:
Policy, Planning and Communications Group
New Hampshire Housing Finance Authority



New Hampshire Housing
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PO Box 5087, Manchester, NH 03108
www.nhhfa.org

INTRODUCTION

This report explicitly presents the New Hampshire utility allowances for the year 2012. These include estimated cost allowances for space heating, water heating, cooking and miscellaneous electric use (lights, refrigeration etc.). A survey of energy suppliers was conducted by the New Hampshire Housing Finance Authority in order to obtain current utility rates for the state. These rates, together with the standard physical consumption allowances were used to calculate utility allowances in dollars for the various regions of the state.

Table 1, on Page 2 of this schedule, shows current utility rates for New Hampshire as of: January 2012. This table includes current consumer costs for electricity, natural gas, bottled gas, and fuel oil. Propane and fuel oil rates were gathered from a variety of suppliers throughout the state.

As a result of the deregulation of the electric utility within the state, the electric rates were supplied by a survey of electric companies providing electricity within the state. A weighted average was used to calculate the electric rate. A weighted average was also used to calculate the natural gas rates within the state.

Table 2, on Page 3, shows physical consumption allowances for cooking , miscellaneous electric use and water heating. These allowances are arrayed by number of bedrooms.

In order to accurately calculate the monthly heating allowance, four heating zones were created within the state. A base of 7500 degree days has been established and is accordingly adjusted by a series of multipliers to account for different heating requirements within the different zones. A ratio of average degree days for the zone to 7500 degree days is used to create a multiplier for each heating zone, as shown in Table 3, on Page 3.

These multipliers are then applied to the physical consumption allowances for 7500 degree days (as illustrated in Table 4) to obtain the consumption allowances for each of the four zones within the state, by property type and number of bedrooms.

Monthly dollar allowances for cooking, hot water and miscellaneous tenant supplied utilities are shown on Table 5 (Page 5).

Multiplication of the physical heating allowances by the rates given for the main energy sources results in monthly dollar allowances for heating for each zone, by property type and

TABLE 1
NEW HAMPSHIRE AVERAGE UTILITY RATES

ELECTRICITY (Weighted Average)

Heating, Cooking and
Miscellaneous Electric:

First 250 kwh: \$	0.1560 / kwh
Over 250 kwh: \$	0.1559 / kwh
Customer Charge: \$	14.17 / month

Hot Water:

\$	0.1390 / kwh for first 250 KWH
\$	0.1393 / kwh over 250 KWH
Meter Charge: \$	3.05 / month

BOTTLED GAS (Average)

Heating: \$	3.24 / gallon
Cooking: \$	3.49 / gallon
Hot Water: \$	3.88 / gallon

NATURAL GAS (Weighted Average)

Heating: \$	1.20 / therm for the first 50 therms
\$	1.18 / therm over 50 to 100 therms
\$	1.12 / therm over 100 therms
Cooking and/or Hot Water: \$	1.11 / therm for the first 10 therms
\$	1.09 / therm over 10 therms
Customer Charge: \$	14.52 / month (basic charge for heating)
\$	10.69 / month (non-heating)

FUEL OIL (Average)

Heating: \$	3.64 / gallon
Hot Water: \$	3.64 / gallon

Source: New Hampshire Housing's Survey of Energy Suppliers

TABLE 2

**SECTION 8 EXISTING PHYSICAL CONSUMPTION ALLOWANCES
FOR COOKING, WATER HEATING, AND MISC. ELECTRIC USE**

	<u>0</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
	<u>Bedroom</u>	<u>Bedroom</u>	<u>Bedrooms</u>	<u>Bedrooms</u>	<u>Bedrooms</u>	<u>Bedrooms</u>
COOKING						
Natural Gas (therms)	3	4	5	6	8	9
Electric (kwh)	55	70	90	110	140	160
Bottled Gas (gallons)	6	7	9	11	14	16
MISCELLANEOUS ELECTRIC	143	180	231	283	345	396
WATER HEATING						
Natural Gas (therms)	11	15	19	23	29	34
Electric (kwh)	170	227	291	356	453	518
Bottled Gas (gallons)	15	17	22	27	35	40
Fuel oil (gallons)	9	11	14	18	23	26

TABLE 3

SECTION 8 PHYSICAL CONSUMPTION MULTIPLIERS FOR HEATING

<u>ZONE 1</u>	CHESHIRE, HILLSBOROUGH, AND ROCKINGHAM COUNTIES
6750 degree days	multiplier: 0.9
<u>ZONE 2</u>	BELKNAP, MERRIMACK, STRAFFORD AND SULLIVAN COUNTIES
7500 degree days	multiplier: 1
<u>ZONE 3</u>	CARROLL AND GRAFTON COUNTIES
8250 degree days	multiplier: 1.1
<u>ZONE 4</u>	COOS COUNTY
9000 degree days	multiplier: 1.2

TABLE 4
EXISTING PHYSICAL CONSUMPTION ALLOWANCES
FOR HEATING AT 7500 DEGREE DAYS

	Unit Size (bedrooms)							Unit Size (bedrooms)					
	0	1	2	3	4	5		0	1	2	3	4	5
2 & 3 STORY WALK-UP							DETACHED						
Natural Gas (therms)	27	38	49	59	76	87	Natural Gas (therms)	32	46	59	71	91	104
Bottled Gas (gallons)	30	41	53	64	82	94	Bottled Gas (gallons)	35	50	64	78	99	113
Oil (gallons)	23	32	42	52	66	74	Oil (gallons)	28	39	51	62	79	90
Electric (kwh)	407	536	796	1,000	1,138	1,319	Electric (kwh)	488	643	955	1,280	1,365	1,583
ROW AND TOWNHOUSE							MOBILE HOME (Pre 1976)						
Natural Gas (therms)	29	41	53	64	83	96	Natural Gas (therms)	38	55	71	85	109	
Bottled Gas (gallons)	33	46	59	71	90	104	Bottled Gas (gallons)	42	60	77	94	119	
Oil (gallons)	26	36	47	58	72	82	Oil (gallons)	34	47	61	74	95	
Electric (kwh)	447	589	875	1,100	1,251	1,450	Electric (kwh)	586	772	1,146	1,536	1,638	
DUPLEX AND TWIN							MOBILE HOME (1976 to 1994)						
Natural Gas (therms)	31	43	57	68	87	100	Natural Gas (therms)	34	48	62	75	96	
Bottled Gas (gallons)	34	48	61	74	94	109	Bottled Gas (gallons)	37	53	67	82	104	
Oil (gallons)	27	37	49	60	76	86	Oil (gallons)	29	41	54	65	83	
Electric (kwh)	466	616	915	1,150	1,308	1,516	Electric (kwh)	512	675	1,003	1,344	1,433	
HIGH-RISE							Note: For Mobile Homes manufactured after 1994 use the schedule for Detached.						
Natural Gas (therms)	21	30	39	47	60	69							
Bottled Gas (gallons)	24	33	42	51	66	76							
Oil (gallons)	19	26	33	42	52	60							
Electric (kwh)	325	428	636	800	910	1,054							

TABLE 5
MONTHLY DOLLAR ALLOWANCES FOR
MISCELLANEOUS TENANT FURNISHED UTILITIES

<u>Use</u>	Type of energy	Unit Size (bedrooms)					
		0	1	2	3	4	5
COOKING:	Natural Gas ¹	\$3	\$4	\$6	\$7	\$9	\$10
	Electric	\$9	\$11	\$14	\$17	\$22	\$25
	Bottled Gas	\$23	\$27	\$35	\$43	\$54	\$62
MISCELLANEOUS:	Electric ²	\$36	\$42	\$50	\$58	\$68	\$76
HOT WATER:	Natural Gas	\$12	\$17	\$21	\$25	\$32	\$37
	Electric ³	\$27	\$35	\$44	\$53	\$66	\$75
	Bottled Gas	\$52	\$59	\$77	\$94	\$122	\$140
	Fuel Oil	\$33	\$40	\$51	\$66	\$84	\$95

¹ In 2012, the weighted average non-heating gas service charge is \$10.69. It must be added to the allowance for natural gas cooking or hot water if natural gas is not used for heating.

² Included in the Miscellaneous Electric dollar amount is a weighted average customer charge of \$14.17 per month.

³ Included in the Hot Water Electric dollar amount is an additional customer charge of \$3.05 per month. Only one electric company charges an additional meter fee for hot water tanks.

TABLE 6
HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 1 - Cheshire, Hillsborough, and Rockingham Counties

Effective Date: February 1, 2012

Heating - Unit Type:	Bedrooms					
	0	1	2	3	4	5
2 & 3 STORY WALK-UP						
Natural Gas	\$44	\$56	\$67	\$78	\$96	\$108
Bottled Gas	\$87	\$120	\$154	\$187	\$239	\$274
Oil	\$75	\$105	\$138	\$170	\$216	\$242
Electric	\$57	\$75	\$112	\$140	\$160	\$185
ROW AND TOWNHOUSE						
Natural Gas	\$46	\$59	\$72	\$83	\$104	\$117
Bottled Gas	\$96	\$134	\$172	\$207	\$262	\$303
Oil	\$85	\$118	\$154	\$190	\$236	\$269
Electric	\$63	\$83	\$123	\$154	\$176	\$203
DUPLEX AND TWIN						
Natural Gas	\$48	\$61	\$76	\$88	\$108	\$122
Bottled Gas	\$99	\$140	\$178	\$216	\$274	\$318
Oil	\$88	\$121	\$161	\$197	\$249	\$282
Electric	\$65	\$86	\$128	\$161	\$184	\$213
HIGH-RISE						
Natural Gas	\$37	\$47	\$57	\$65	\$79	\$89
Bottled Gas	\$70	\$96	\$122	\$149	\$192	\$222
Oil	\$62	\$85	\$108	\$138	\$170	\$197
Electric	\$46	\$60	\$89	\$112	\$128	\$148

Heating - Unit Type:	Bedrooms					
	0	1	2	3	4	5
DETACHED						
Natural Gas	\$49	\$64	\$78	\$91	\$112	\$126
Bottled Gas	\$102	\$146	\$187	\$227	\$289	\$329
Oil	\$92	\$128	\$167	\$203	\$259	\$295
Electric	\$68	\$90	\$134	\$180	\$192	\$222
MOBILE HOME (Pre 1976)						
Natural Gas	\$56	\$74	\$91	\$106	\$131	
Bottled Gas	\$122	\$175	\$224	\$273	\$346	
Oil	\$110	\$153	\$200	\$244	\$311	
Electric	\$82	\$108	\$161	\$216	\$230	
MOBILE HOME (1976 to 1994)						
Natural Gas	\$51	\$67	\$81	\$95	\$117	
Bottled Gas	\$107	\$153	\$196	\$239	\$303	
Oil	\$96	\$134	\$175	\$213	\$272	
Electric	\$72	\$95	\$141	\$189	\$201	

Note: For Mobile Homes manufactured after 1994
use the schedule for Detached.

TABLE 7
HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 2 - Belknap, Merrimack, Strafford and Sullivan Counties

Effective Date: February 1, 2012

Heating - Unit Type:	Bedrooms					
	0	1	2	3	4	5
2 & 3 STORY WALK-UP						
Natural Gas	\$47	\$60	\$73	\$85	\$105	\$118
Bottled Gas	\$97	\$133	\$172	\$207	\$266	\$304
Oil	\$84	\$116	\$153	\$189	\$240	\$269
Electric	\$63	\$84	\$124	\$156	\$177	\$206

ROW AND TOWNHOUSE

Natural Gas	\$49	\$64	\$78	\$91	\$113	\$129
Bottled Gas	\$107	\$149	\$191	\$230	\$291	\$337
Oil	\$95	\$131	\$171	\$211	\$262	\$298
Electric	\$70	\$92	\$136	\$172	\$195	\$226

DUPLEX AND TWIN

Natural Gas	\$52	\$66	\$83	\$96	\$118	\$134
Bottled Gas	\$110	\$155	\$198	\$240	\$304	\$353
Oil	\$98	\$135	\$178	\$218	\$277	\$313
Electric	\$73	\$96	\$143	\$179	\$204	\$236

HIGH-RISE

Natural Gas	\$40	\$51	\$61	\$71	\$86	\$97
Bottled Gas	\$78	\$107	\$136	\$165	\$214	\$246
Oil	\$69	\$95	\$120	\$153	\$189	\$218
Electric	\$51	\$67	\$99	\$125	\$142	\$164

Heating - Unit Type:	Bedrooms					
	0	1	2	3	4	5
DETACHED						
Natural Gas	\$53	\$70	\$85	\$99	\$123	\$138
Bottled Gas	\$113	\$162	\$207	\$253	\$321	\$366
Oil	\$102	\$142	\$186	\$226	\$288	\$328
Electric	\$76	\$100	\$149	\$200	\$213	\$247

MOBILE HOME (Pre 1976)

Natural Gas	\$61	\$81	\$99	\$116	\$144
Bottled Gas	\$136	\$194	\$249	\$303	\$385
Oil	\$122	\$170	\$223	\$271	\$345
Electric	\$91	\$120	\$179	\$239	\$255

MOBILE HOME (1976 to 1994)

Natural Gas	\$55	\$72	\$89	\$103	\$128
Bottled Gas	\$119	\$170	\$218	\$265	\$337
Oil	\$107	\$149	\$195	\$237	\$302
Electric	\$80	\$105	\$156	\$210	\$223

Note: For Mobile Homes manufactured after 1994
use the schedule for Detached.

TABLE 8
HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 3 - Carroll and Grafton Counties

Effective Date: February 1, 2012

Heating - Unit Type:	Bedrooms					
	0	1	2	3	4	5
2 & 3 STORY WALK-UP						
Natural Gas	\$50	\$65	\$79	\$92	\$114	\$128
Bottled Gas	\$107	\$146	\$189	\$228	\$292	\$335
Oil	\$92	\$128	\$168	\$208	\$264	\$296
Electric	\$70	\$92	\$137	\$172	\$195	\$226

ROW AND TOWNHOUSE

Natural Gas	\$53	\$69	\$84	\$99	\$123	\$140
Bottled Gas	\$118	\$164	\$210	\$253	\$321	\$371
Oil	\$104	\$144	\$188	\$232	\$288	\$328
Electric	\$77	\$101	\$150	\$189	\$215	\$249

DUPLEX AND TWIN

Natural Gas	\$55	\$71	\$90	\$104	\$128	\$145
Bottled Gas	\$121	\$171	\$217	\$264	\$335	\$388
Oil	\$108	\$148	\$196	\$240	\$304	\$344
Electric	\$80	\$106	\$157	\$197	\$224	\$260

HIGH-RISE

Natural Gas	\$42	\$54	\$66	\$77	\$93	\$105
Bottled Gas	\$86	\$118	\$150	\$182	\$235	\$271
Oil	\$76	\$104	\$132	\$168	\$208	\$240
Electric	\$56	\$73	\$109	\$137	\$156	\$181

Heating - Unit Type:	Bedrooms					
	0	1	2	3	4	5
DETACHED						
Natural Gas	\$57	\$75	\$92	\$108	\$134	\$150
Bottled Gas	\$125	\$178	\$228	\$278	\$353	\$403
Oil	\$112	\$156	\$204	\$248	\$316	\$360
Electric	\$84	\$110	\$164	\$220	\$234	\$271

MOBILE HOME (Pre 1976)

Natural Gas	\$65	\$87	\$107	\$126	\$156
Bottled Gas	\$150	\$214	\$274	\$333	\$423
Oil	\$135	\$187	\$245	\$298	\$380
Electric	\$100	\$132	\$197	\$263	\$281

MOBILE HOME (1976 to 1994)

Natural Gas	\$59	\$78	\$96	\$112	\$139
Bottled Gas	\$131	\$187	\$239	\$292	\$370
Oil	\$118	\$164	\$214	\$261	\$332
Electric	\$88	\$116	\$172	\$231	\$246

Note: For Mobile Homes manufactured after 1994
use the schedule for Detached.

TABLE 9
HEATING: MONTHLY DOLLAR ALLOWANCES
ZONE 4 - Coos County

Effective Date: February 1, 2012

Heating - Unit Type:	Bedrooms					
	0	1	2	3	4	5
2 & 3 STORY WALK-UP						
Natural Gas	\$53	\$69	\$85	\$99	\$123	\$138
Bottled Gas	\$117	\$159	\$206	\$249	\$319	\$365
Oil	\$100	\$140	\$183	\$227	\$288	\$323
Electric	\$76	\$100	\$149	\$187	\$213	\$247

ROW AND TOWNHOUSE

Natural Gas	\$56	\$74	\$91	\$106	\$133	\$151
Bottled Gas	\$128	\$179	\$229	\$276	\$350	\$404
Oil	\$114	\$157	\$205	\$253	\$314	\$358
Electric	\$84	\$110	\$164	\$206	\$234	\$271

DUPLEX AND TWIN

Natural Gas	\$59	\$76	\$96	\$112	\$138	\$156
Bottled Gas	\$132	\$187	\$237	\$288	\$365	\$424
Oil	\$118	\$162	\$214	\$262	\$332	\$376
Electric	\$87	\$115	\$171	\$215	\$245	\$284

HIGH-RISE

Natural Gas	\$45	\$58	\$71	\$82	\$100	\$113
Bottled Gas	\$93	\$128	\$163	\$198	\$257	\$295
Oil	\$83	\$114	\$144	\$183	\$227	\$262
Electric	\$61	\$80	\$119	\$150	\$170	\$197

Heating - Unit Type:	Bedrooms					
	0	1	2	3	4	5
DETACHED						
Natural Gas	\$61	\$81	\$99	\$116	\$144	\$161
Bottled Gas	\$136	\$194	\$249	\$303	\$385	\$439
Oil	\$122	\$170	\$223	\$271	\$345	\$393
Electric	\$91	\$120	\$179	\$239	\$255	\$296

MOBILE HOME (Pre 1976)

Natural Gas	\$70	\$94	\$116	\$136	\$168
Bottled Gas	\$163	\$233	\$298	\$364	\$462
Oil	\$147	\$204	\$267	\$325	\$414
Electric	\$110	\$144	\$214	\$287	\$306

MOBILE HOME (1976 to 1994)

Natural Gas	\$63	\$84	\$103	\$121	\$150
Bottled Gas	\$143	\$204	\$261	\$318	\$404
Oil	\$128	\$179	\$234	\$284	\$362
Electric	\$96	\$126	\$188	\$251	\$268

Note: For Mobile Homes manufactured after 1994
use the schedule for Detached.