

**NYSEG RGE<sup>AND</sup>**



# Home Energy Use Guide



# Table of Contents

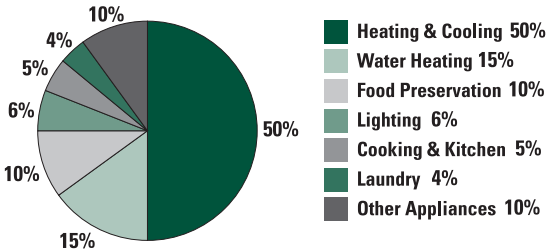
---

<b>Your Energy Dollars</b> .....	1
<b>Electrical Appliances</b> .....	1
<b>Seasonal Home Comfort Appliances</b> .....	3
Air Conditioning .....	3
Space Heating .....	3
Heating/Cooling System Support .....	3
Fans .....	3
Air Quality .....	3
<b>Water Heating &amp; Delivery</b> .....	5
Water Heating .....	5
Water Delivery & Quality .....	5
Recreational .....	5
<b>Food Refrigeration</b> .....	5
Newer Units .....	5
Older Units .....	7
<b>Food Preparation</b> .....	7
Electric Range/Oven .....	7
Kitchen Appliances .....	7
<b>Household Care</b> .....	9
Laundry .....	9
Kitchen .....	9
Miscellaneous .....	9
Lawn and Garden .....	9
Home Security .....	9
<b>Personal Care</b> .....	11
Health and Beauty .....	11
Personal Comfort .....	11
Home Medical Care .....	11
<b>Home/Office and Entertainment</b> .....	11
Home/Office Communications .....	11
Audio Systems .....	11
Computer System .....	13
Video Systems .....	13
<b>Lighting</b> .....	13
Incandescent Lighting .....	13
Fluorescent Lighting .....	13
Outdoor Security Lighting .....	13
Holiday Lighting .....	15
<b>Workshop, Crafts, Animal Care</b> .....	15
Crafts and Hobbies .....	15
Animal Care .....	15
Power Tools .....	15
Automotive .....	15
<b>Natural Gas Appliances</b> .....	17
Space Heating .....	17
Water Heating .....	17
Food Preparation .....	19
Household Care .....	19
Lighting .....	19

# Your Energy Dollars

**Understanding how your energy dollars are spent can help you make wise decisions about your energy use.**

## Energy Use – Typical Household



## Electrical Appliances

Your electricity use is measured in kilowatt-hours (kwh). One kwh equals 1,000 watts of electricity used for one hour. For example, a 100-watt light bulb that burns for 10 hours consumes one kwh of electricity.

### Please Note: Operating Cost Calculation

We've based our calculations in this brochure on an electricity price of **11 cents per kwh** (unless otherwise noted). The actual price you pay for electricity may be more or less than 11 cents per kwh, so take that into account in any comparisons or calculating you do.

Please take note whether you are paying a fixed or variable price for your electricity supply. If you are paying a variable price, your energy costs will fluctuate. For more information about supply costs, including historical prices, visit [nyseg.com](http://nyseg.com).

The cost of operating an electrical appliance can be estimated using this formula:

$$\frac{\text{Watts}}{1,000} \times \text{Hours Used} \times 11 \text{ cents} = \text{Operating Cost}$$

**Example:** Calculate how much would it cost to operate a portable electric space heater for four hours with the heat setting on high (1,500 watts).

$$(1,500 \text{ watts} \div 1,000) \times 4 \text{ hours} \times 11 \text{ cents} = 66 \text{ cents}$$

**Wattage:** Wattage is usually listed on the appliance nameplate or serial number plate, or in the owner's manual. If wattage is not listed, you can estimate it by multiplying amps by volts:

$$\text{Volts} \times \text{Amps} = \text{Watts}$$

For example, to calculate the wattage from the nameplate at right:  
 120 volts x 0.6 amps = 72 watts

<b>Model No.:</b>	<b>ABC12345</b>
<b>Volts:</b>	<b>120</b>
<b>Frequency:</b>	<b>60 cycles</b>
<b>Watts:</b>	<b>75</b>
<b>Amps:</b>	<b>0.6</b>

**Motors:** It's also good to know that electric motors are commonly rated in horsepower (hp), and 1 hp equals approximately 746 watts.

Keep in mind that the figures represented in this guide are estimates from various sources. Your energy consumption will vary, depending on things such as the number of people in your household, seasonal changes, the size, age and efficiency rating of your appliances, and how much your appliances are used.

**NYSEG Day/Night & Time-of-Use:** Operating costs will also vary if you are billed on NYSEG's optional **day/night** or residential **time-of-use** rates.

The day/night rate is available to all residential customers who use at least 1,000 kwh of electricity per month – a substantial portion of which is used between 11:30 p.m. and 7 a.m. (EST). Time-of-use rates are available to residential customers who use more than 35,000 kwh per year. For comparison you can base your day/night rates at 12 cents per kwh (day) and 6 cents per kwh (night). An **average** day/night rate of 10 cents per kwh assumes 1/3 use on the day rate and 2/3 use on the night rate.

**RG&E Time-of-Use:** RG&E has two time-of-use price schedules, I and II. Customers with an annual consumption up to 24,750 kwh will be served under Schedule I. Customers whose annual use exceeds 24,750 kwh are assigned to Schedule II. For the current time-of-use rates and hours, visit [rge.com](http://rge.com). For comparison you can base your time-of-use calculations for Schedule I at **8 cents** per kwh during peak hours and **6 cents** per kwh for off-peak hours. For Schedule II it is **10 cents** per kwh during peak hours and **6 cents** per kwh for off-peak hours. Peak times are 7 a.m. to 11 p.m. while off-peak hours are 11 p.m. to 7 a.m. and all day Saturday and Sunday.

For the current time-of-use rates, visit [rge.com](http://rge.com). Go to "Quick Links, and select "Pricing and Tariffs." Then click on "Rate Schedules" and go to "Residential Time-of-Use."

# Electrical Appliances

## Seasonal Home Comfort

### Air Conditioning (75% on time — 8 hours per day)

Central Air Conditioner, 24,000 Btu (2-ton), 10.0 SEER

Central Air Conditioner, 36,000 Btu (3-ton), 10.0 SEER

Central Air Conditioner, 48,000 Btu (4-ton), 10.0 SEER

Room Air Conditioner, 6,000 Btu, 9.0 EER

Room Air Conditioner, 9,000 Btu, 10.0 EER

Heat Pump (Split System), 36,000 Btu, 10.0 SEER / 7.0 HSPF

### Space Heating

Electric Furnace, 10 kw

Baseboard Heater, 6-foot section @ 250 watts/ft.

Portable Space Heater (1000-watt, medium setting)

### Heating/Cooling System Support

Oil Furnace Burner Motor, 1/4 hp

Forced-Air System Blower Fan, 1/2 hp

Hydronic (Hot Water) Circulating Pump, 1/8 hp

### Fans

Whole-House Attic Fan, 30-inch

Window Fan (dual-unit)

Ceiling Paddle Fan, 4-foot (no lights)

Portable Box Fan, 20-inch

Oscillating Table Fan, 12-inch

### Air Quality

Humidifier

Electrostatic Air Cleaner

Dehumidifier

#### KEY

SEER (Seasonal Energy Efficiency Ratio) – Used to rate the cooling efficiency of central air conditioners and heat pumps. A higher SEER rating means higher efficiency. Federal energy efficiency standards require a minimum of 10 SEER for newer units.

EER (Energy Efficiency Ratio) – Used to rate the efficiency of room air conditioners. A higher EER rating means higher efficiency. A unit EER rating of 9 is considered efficient, with ratings of 10 or more as highly efficient.

HSPF (Heating Season Performance Factor) – Used to rate the heating efficiency of heat pumps. A higher HSPF rating means higher efficiency.

<b>Wattage</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use kwh/month</b>	<b>Cost/Month @ 11 cents/kwh</b>
2,400	180	432	\$47.52
3,600	180	648	\$71.28
4,800	180	864	\$95.04
667	180	120	\$13.20
900	180	162	\$17.82
3,600	180	648	\$71.28
10,000	240	2,400	\$264.00
1,500	240	360	\$39.60
1,000	120	120	\$13.20
220	240	53	\$5.83
440	240	106	\$11.66
110	240	26	\$2.86
400	240	96	\$10.56
200	240	48	\$5.28
100	240	24	\$2.64
100	120	12	\$1.32
35	120	4	\$0.44
175	240	42	\$4.62
50	240	12	\$1.32
635	360	229	\$25.19

# *Electrical Appliances*

## **Water Heating & Delivery**

### **Water Heating**

Tankless (On-Demand) Electric Water Heater

Electric Water Heater, 30-50 gallon

Electric Water Heater, 60-120 gallon

### **Water Delivery & Quality**

Water Softener

Deep-Well Water Pump, 3/4 hp

Sump Pump, 1/3 hp

Heat Cable/Tape, 24-foot @ 7 watts per foot

### **Recreational**

Spa/Hot Tub Electric Heater (500-gallon)

Spa/Hot Tub Pump and Air Blower

Pool Filter Motor & Circulating Pump, 1 hp

## **Refrigeration**

### **Newer Units\***

Chest Freezer (manual defrost), 16 cu.ft.

Upright Freezer (frost-free), 18-20 cu.ft.

Compact Refrigerator, less than 2 cu.ft.

Top-Mount Freezer (manual defrost), 10 cu.ft.

Top-Mount Freezer (frost-free), 18-20 cu.ft.

Top-Mount Freezer (frost-free), 24-26 cu.ft.

Bottom-Mount Freezer (frost-free), 20-22 cu.ft.

Side-by-Side (frost-free), 22-24 cu.ft.

Side-by-Side (frost-free), 28-30 cu.ft.

### **KEY**

- \* Increased energy efficiency standards for refrigerators and freezers were implemented in 1990, 1993 and 2001. Add 10% to 15% to operating cost for models with through-the-door ice and water service.

USE ENERGY SAFELY & WISELY

<b>Wattage</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use kwh/month</b>	<b>Cost/Month @ 11 cents/kwh</b>
14,000	30	420	\$46.20
4,500	90	405	\$44.55
6,000	90	540	\$59.40
4	720	3	\$0.33
660	60	40	\$4.40
290	15	4	\$0.44
168	120	20	\$2.20
6,000	20	120	\$13.20
2,000	20	40	\$4.40
880	360	317	\$34.87
120	288	35	\$3.85
280	324	91	\$10.01
150	324	49	\$5.39
230	274	63	\$6.93
330	288	95	\$10.45
370	288	107	\$11.77
370	288	107	\$11.77
360	324	117	\$12.87
400	324	130	\$14.30

# *Electrical Appliances*

## Refrigeration

### Older Units\*

Chest Freezer (manual defrost), 16 cu.ft.

Upright Freezer (frost-free), 18-20 cu.ft.

Compact Refrigerator, less than 2 cu.ft.

Top-Mount Freezer (manual defrost), 10 cu.ft.

Top-Mount Freezer (frost-free), 18-20 cu.ft.

Top-Mount Freezer (frost-free), 24-26 cu.ft.

Bottom-Mount Freezer (frost-free), 20-22 cu.ft.

Side-by-Side (frost-free), 22-24 cu.ft.

Side-by-Side (frost-free), 28-30 cu.ft.

## Food Preparation

### Electric Range/Oven

Electric Range & Oven (4-burner w/oven/broiler)

- including rangetop element (Small 6")

- including rangetop element (Large 8")

- including oven/broiler (manual or self-cleaning)

Self-Cleaning Oven (cleaning only)

Range Hood w/ Light and Fan

### Kitchen Appliances

Can Opener

Mixer or Blender

Carving Knife

Food Processor

Bread Maker

Coffee Maker, Percolator

Coffee Maker, Drip

Slow Cooker (Crock Pot)

Popcorn Maker

Griddle or Waffle Iron

Toaster

Toaster-Oven

Deep Fryer, Frying Pan or Broiler

Microwave Oven, 0.75 cu.ft.

Microwave Oven, 1.25 cu.ft.

### KEY

\* Increased energy efficiency standards for refrigerators and freezers were implemented in 1990, 1993 and 2001. Add 10% to 15% to operating cost for models with through-the-door ice and water service.

USE ENERGY SAFELY & WISELY

<b>Wattage</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use kwh/month</b>	<b>Cost/Month @ 11 cents/kwh</b>
750	288	216	\$23.76
1,630	324	528	\$58.08
280	324	91	\$10.01
580	274	159	\$17.49
1,050	288	302	\$33.22
1,220	288	351	\$38.61
1,100	288	317	\$34.87
1,060	324	343	\$37.73
1,230	324	399	\$43.89
11,000	15	165	\$18.15
1,400	15	21	\$2.31
2,500	15	38	\$4.18
3,200	15	48	\$5.28
5,000	1	5	\$0.55
185	30	6	\$0.66
100	2	△	△
150	2	△	△
100	0	△	△
480	1	△	△
500	7	4	\$0.44
850	8	7	\$0.77
1,500	8	12	\$1.32
150	2	△	△
900	1	△	△
1,200	5	6	\$0.66
1,100	3	3	\$0.33
1,500	10	15	\$1.65
1,500	5	8	\$0.88
500	5	3	\$0.33
1,500	5	8	\$0.88

△ Uses one or less than one kwh of electricity.

# *Electrical Appliances*

## Household Care

### Laundry

Washing Machine (water heating not included) 25 loads

Electric Clothes Dryer (heating plus 1/4 hp motor) 25 loads

Steam Iron

### Kitchen

Dishwasher, using heat dryer

Dishwasher, using air dry

Dishwasher (electricity to heat water)

Garbage Disposal

Trash Compactor

Electric Wall Clock

### Miscellaneous

Vacuum Cleaner – portable upright or canister

Vacuum Cleaner – central

Sewing Machine

### Lawn and Garden

Weed Trimmer

Electric Lawn Mower

Hedge Trimmer

Bug Zapper

### Home Security

Security/Fire Alarm System

Electric Fence

Garage Door Opener, 1/2 hp

#### KEY

\* For clothes drying, assume 40-minute drying time per load on regular fabric setting.

△ Uses one or less than one kwh of electricity.

USE ENERGY SAFELY & WISELY

<b>Wattage</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use kwh/month</b>	<b>Cost/Month @ 11 cents/kwh</b>
600	20	12	\$1.32
5,500	40	220	\$24.20*
1,100	18	20	\$2.20
1,200	30	36	\$3.96
900	30	27	\$2.97
1,300	30	39	\$4.29
445	1	△	△
400	1	△	△
3	720	2	\$0.22
800	6	5	\$0.55
1,600	6	10	\$1.10
115	10	△	△
525	5	3	\$0.33
3,000	10	30	\$3.30
300	2	△	△
40	20	△	△
20	720	14	\$1.54
10	720	7	\$0.77
440	3	△	△

# *Electrical Appliances*

## **Personal Care**

### **Health and Beauty**

Curling Iron  
 Hand-held Hair Dryer  
 Electric Shaver  
 Electric Toothbrush

### **Personal Comfort**

Waterbed Heater  
 Electric Blanket  
 Heating Pad  
 Cool Air Vaporizer  
 Warm Air Vaporizer

### **Home Medical Care**

Oxygen Concentrator  
 Nebulizer (Respiratory Compressor)  
 Kidney Dialysis Machine  
 Portable Water Purification System  
 Specialty Adjustable Bed

## **Home/Office and Entertainment**

### **Home/Office Communications**

Cordless Telephone  
 Answering Machine  
 Fax Machine (on standby)  
 Fax Machine (in use)  
 Copier (on standby)  
 Copier (in use)  
 Electric Typewriter

### **Audio Systems**

Alarm Clock or AM/FM Clock-Radio  
 Stereo System (Tuner/Receiver, Speakers)  
 Audio Dual-Tape Deck  
 CD Player (5-disk changer)  
 Portable Stereo System (Boom-Box)

#### **KEY**

△ Uses one or less than one kwh of electricity.

USE ENERGY SAFELY & WISELY

<b>Wattage</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use kwh/month</b>	<b>Cost/Month @11 cents/kwh</b>
40	3	△	△
1,500	5	8	\$0.88
15	3	△	△
10	5	△	△
375	240	90	\$9.90
175	240	42	\$4.62
65	20	△	△
40	240	10	\$1.10
750	240	180	\$19.80
400	240	96	\$10.56
185	60	11	\$1.21
1,450	65	94	\$10.34
440	65	29	\$3.19
85	240	20	\$2.20
3	720	2	\$0.22
20	720	14	\$1.54
5	720	4	\$0.44
170	8	△	△
100	160	16	\$1.76
1,500	20	30	\$3.30
40	6	△	△
4	720	3	\$0.33
200	50	10	\$1.10
40	60	2	\$0.22
20	60	△	△
30	40	△	△

# *Electrical Appliances*

## **Computer Systems**

Computer (PC) w/17-inch Color Monitor and Speakers

Laptop Computer (on AC)

Ink/Bubble Jet Printer (on standby)

Ink/Bubble Jet Printer (in use)

Laser Printer (on standby)

Laser Printer (in use)

Modem - Cable or Phone

Scanner

## **Televisions and Video Systems**

Television - 13-inch black/white

Television - 14- to 19-inch color

Television - 21- to 26-inch color

Television - 50-inch high-definition projection

Television - larger than 26-inch

Cable TV Converter Box

Satellite Dish System

Video Cassette Recorder (VHS)

DVD Player (5-disk changer)

Video Game Set (without TV)

## **Lighting**

### **Incandescent Lighting**

Incandescent Bulb, Standard 60-watt

Incandescent Bulb, Standard 100-watt

Incandescent Bulb, Energy-Saving 52-watt

Incandescent Bulb, Energy-Saving 90-watt

### **Fluorescent Lighting**

Fluorescent Circle Bulb, 22-watt

Fluorescent Compact Bulb, 25-watt

Fluorescent Light, 2-tube (4'), 40-watt standard ballast

### **Outdoor Security Lighting (Dusk to Dawn)**

Incandescent, 150-watt Spotlight

High-Pressure Sodium, 2-Bulb Floodlight

Mercury Vapor Floodlight

Landscape Border Lights (ten 4-watt lights)

#### **KEY**

△ Uses one or less than one kwh of electricity.

USE ENERGY SAFELY & WISELY

<b>Wattage</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use kwh/month</b>	<b>Cost/Month @ 11 cents/kwh</b>
400	120	48	\$5.28
50	120	6	\$0.66
3	120	△	△
180	15	3	\$0.33
35	180	6	\$0.66
800	15	12	\$1.32
20	180	4	\$0.44
45	3	△	△
50	180	9	\$0.99
100	180	18	\$1.98
150	180	27	\$2.97
250	180	45	\$4.95
200	180	36	\$3.96
25	180	5	\$0.55
100	180	18	\$1.98
30	60	2	\$0.22
20	60	△	△
17	30	△	△
60	150	9	\$0.99
100	150	15	\$1.65
52	150	8	\$0.88
90	150	14	\$1.54
22	150	3	\$0.33
25	150	4	\$0.44
80	150	12	\$1.32
150	300	45	\$4.95
150	300	45	\$4.95
150	300	45	\$4.95
40	300	12	\$1.32

# *Electrical Appliances*

## **Lighting**

### **Holiday Lighting**

Miniature 100-Light String

Standard 64-Light String

## **Workshop, Crafts, Animal Care**

### **Crafts and Hobbies**

Soldering Gun

Ceramics Kiln

### **Animal Care**

Aquarium, 30-gallon (filter pump, light, heater)

Stock Tank Water Heater, De-Icer

### **Power Tools**

Bench Grinder, Two-Wheel

Hand-held Grinder, 4-inch

Orbital Pad Sander, 4-inch

Belt Sander, 21-inch

Drill, 3/8-inch

Saber Saw

Circular Saw, 7 1/4-inch

Table Saw or Radial-Arm Saw, 10-inch

Reciprocating Saw

Electric Chain Saw, 12-inch (1/2 hp)

Air Compressor (1 hp)

### **Automotive**

DC Battery Charger, 12-volt

Auto Engine Block Heater (radiator hose)

Auto Engine Block Heater (oil dipstick)

#### **KEY**

△ Uses one or less than one kwh of electricity.

USE ENERGY SAFELY & WISELY

<b>Wattage</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use kwh/month</b>	<b>Cost/Month @ 11 cents/kwh</b>
36	120	4	\$0.44
320	120	38	\$4.18
600	1	△	△
5,000	2	10	\$1.10
250	720	180	\$19.80
1,000	720	720	\$79.20
600	2	△	△
500	1	△	△
500	1	△	△
1,250	1	△	△
400	2	△	△
400	2	△	△
1,200	1	△	△
1,800	2	4	\$0.44
750	1	△	△
440	16	7	\$0.77
880	2	2	\$0.22
100	2	△	△
1,000	60	60	\$6.60
500	60	30	\$3.30

# Natural Gas Appliances

Natural gas use is measured by volume in units of 100 cubic feet (ccf). For billing, ccf is converted into therms, a measure of heat content. One therm equals 100,000 British thermal units (Btu). One therm of natural gas is also roughly equal to one ccf.

## Operating Cost Calculation

Most natural gas appliance ratings are expressed as Btu per hour (Btuh). This rating indicates the amount of energy required (input) or energy produced (output) by the unit. Such information can be found on the appliance nameplate or in the owner's manual. To calculate the cost of operating an appliance, it is necessary to first convert your natural gas use to therms as follows:

$$\frac{\text{Btuh rating}}{100,000} \times \text{Hours Used} = \text{Therms Used}$$

## Space Heating

Mid-Efficiency Furnace (80,000 Btuh @ 80% AFUE)

High-Efficiency Furnace (80,000 Btuh @ 95% AFUE)

Hydronic (Hot Water) Boiler (100,000 Btuh @ 85% AFUE)

Steam Boiler (100,000 Btuh @ 80% AFUE)

Vent-free Room Heater (medium size)

Vented Fireplace Inserts/Logs

Pilot Light (furnace, water heater, oven)

## Water Heating

Water Heater, 30-50 gallon

Water Heater, 50-75 gallon

Tankless (On-Demand) Water Heater

Spa/Hot Tub Heater (500-gallon)

Pool Heater (600 sq.ft. area)

## KEY

AFUE (Annual Fuel Utilization Efficiency) – Used to measure the efficiency of furnaces and boilers where the energy input (in Btu) is divided by the energy output (in Btu).

Then, simply multiply the therms used by the price of natural gas. In this brochure, we assume the total average price for natural gas is **\$1.30 per therm** (supply and delivery). Keep in mind the price you actually pay for natural gas may vary, depending on what part of the state you live in and whether you receive your natural gas supply from NYSEG/RG&E or an alternate supplier.

**Example:** Calculate the cost to operate a natural gas clothes dryer with a rating of 20,000 Btuh for five hours per month.

$$(20,000 \div 100,000) \times 5 \text{ hours} = 1 \text{ therm}$$

$$1 \text{ therm} \times \$1.30 = \$1.30 \text{ per month}$$

<b>Btu/ Hour</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use therms/ month</b>	<b>Cost/Month @ \$1.30/therm</b>
100,000	120	120	\$156.00
84,000	120	101	\$131.30
105,000	120	126	\$163.80
125,000	120	150	\$195.00
25,000	120	30	\$39.00
50,000	120	60	\$78.00
300	720	2	\$2.60
36,000	120	43	\$55.90
55,000	120	66	\$85.80
120,000	30	36	\$46.80
300,000	20	60	\$78.00
200,000	60	120	\$156.00

# *Natural Gas Appliances*

---

## **Food Preparation**

Range (4-burner) & Oven/Broiler

- including rangetop burner (Small, 6")

- including rangetop burner (Large, 8")

- including oven/broiler (manual or self-cleaning)

Self-Cleaning Oven (cleaning only)

Outdoor Grill (2-burner)

## **Household Care**

Clothes Dryer (25 loads)

Dishwasher (Natural gas to heat water)

## **Lighting**

Outdoor Gaslight

### **KEY**

\* For clothes drying, assume 40-minute drying time per load on regular fabric setting.

AFUE (Annual Fuel Utilization Efficiency) – Used to measure the efficiency of furnaces and boilers where the energy input (in Btu) is divided by the energy output (in Btu).

USE ENERGY SAFELY & WISELY

<b>Btu/ Hour</b>	<b>Estimated Monthly Hours</b>	<b>Energy Use therms/ month</b>	<b>Cost/Month @ \$1.30/therm</b>
48,000	15	7	\$9.10
6,000	15	1	\$1.30
9,000	15	1	\$1.30
18,000	15	3	\$3.90
24,000	15	4	\$5.20
36,000	10	4	\$5.20
18,000	40	7	\$9.10*
18,000	30	5	\$6.50
2,000	300	6	\$7.80

**NYSEG**

**Reliable. Essential.**

**RGE**<sup>AND</sup>

*Always at Your Service*



**Energy East Companies**

3/07-0139 CP-474



*Part of our commitment to the environment ...  
printed with soy ink on recycled paper.*