

# kWh Usage In Your Home



Largest areas of kWh usage in your home to least:

## 01. Heating

*Did you know... in winter, heating accounts for over one half of the energy going into your home.*

## 02. Lights/Small Appliances

## 03. Water Heating

## 04. Refrigerator

## 05. Washer and dryer

### What is a kilowatt hour?

A kilowatt hour (kWh) is a measure of electric use. Your electric bill indicates the number of kWh you used, determined by reading your electric meter. The dollar amount of your bill is based on this formula:

$$\frac{\text{Watts} \times \text{Hours Used}}{1000} = \text{kWh}$$

SCREC is dedicated to helping our members use energy efficiently. Use this guide to learn how your home lifestyle is reflected in your electric bill.

If you have a question regarding kWh usage, please call our office at 570-924-3381 or email [info@screc.com](mailto:info@screc.com).



[www.screc.com](http://www.screc.com)



[info@screc.com](mailto:info@screc.com)



**Office: 570-924-3381**

**Outage: 570-924-3418**

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# YOUR KILOWATT HOURS

*Electric Use In Your Home*



The amount of kilowatt hours (kWh) consumed in your home is reflected in your electric bill.

See how quickly plugged in appliances, heating/cooling systems, and more rack up your kWh usage, and your electric bill.

## Base Loads

Below is the average wattage of various home appliances, which is calculated into average monthly kWh usage. Review how many of these appliances you have in your home, and how quickly they add to your electric bill.

**Refrigerator:** Avg Watts: 500 | Avg kWh/Mo: 120

**Freezer:** Avg Watts: 300 | Avg kWh/Mo: 70

**Dishwasher:** Avg Watts: 1,200 | Avg kWh/Mo: 36

**Electric Stove:** Avg Watts: 3,000 | Avg kWh/Mo: 45

**Microwave:** Avg Watts: 1,450 | Avg kWh/Mo: 15

**Ceiling Fan (12 hrs/day):** Avg Watts: 75 | Avg kWh/Mo: 30

**Electric Water Heater:** Avg Watts: 4,500 | Avg kWh/Mo: 400

**Washer/Dryer 5 loads/week:** Avg Watts: 5,500 | Avg kWh/Mo: 110

**Well Water Pump:** Avg Watts: 900 | Avg kWh/Mo: 50

**Septic Pump:** Avg Watts: 1,000 | Avg kWh/Mo: 60

**TV 50" LED 5 hrs/day:** Avg Watts: 160 | Avg kWh/Mo: 25

**Computer 5 hrs/day:** Avg Watts: 325 | Avg kWh/Mo: 40

**CPAP 8 hrs/day:** Avg Watts: 60 | Avg kWh/Mo: 15

**Oxygen Concentrator 12 hrs/day:** Avg Watts: 450 | Avg kWh/Mo: 160

## Winter Seasonal Loads

**Electric Heater:** Avg Watts: 1,500 | Avg kWh/Mo: 540

**6' Electric Baseboard Heater:** Avg Watts: 1,500 | Avg kWh/Mo: 540

**Furnace Fan:** Avg Watts: 400 | Avg kWh/Mo: 144

**Circulating Pumps:** Avg Watts: 150 | Avg kWh/Mo: 55

**Standard Heat Pump:** Avg Watts: 3,800 | Avg kWh/Mo: 1,200

**High Eff. Heat Pump or Ductless:** Avg Watts: 1,900 | Avg kWh/Mo: 500

**Block Heaters 12hrs/day:** Avg Watts: 1,500 | Avg kWh/Mo: 540

**Animal Water De-Icer 12 hrs/day:** Avg Watts: 1,500 | Avg kWh/Mo: 540

**Heat Lamp 24 hrs/day:** Avg Watts: 1,500 | Avg kWh/Mo: 1,080

**Heat Tape:** Avg Watts: Vary | Avg kWh/Mo: 100

**Hot Tub:** Avg Watts: 4,000 | Avg kWh/Mo: 480

**Xmas Lights:** Avg Watts: 750 | Avg kWh/Mo: 270

## Summer Seasonal Loads

**Dehumidifier 12 hrs/day:** Avg Watts: 750 | Avg kWh/Mo: 270

**Window Fan 12 hrs/day:** Avg Watts: 150 | Avg kWh/Mo: 54

**Window Air Conditioner:** Avg Watts: 900 | Avg kWh/Mo: 325

**Central AC or Ductless:** Avg Watts: 3,000 | Avg kWh/Mo: 450

**Pool Pump:** Avg Watts: 700 | Avg kWh/Mo: 250



## “Why is my bill higher than...

**last month’s bill?”**

Our billing system runs a month behind. For example: your April bill is for usage from February 15 to March 15. Weather, construction at your home, a faulty water pump, etc. effect each bill. When questioning your bill, try to remember what happened during a month prior.

**my neighbor’s bill?”**

It is impossible to compare different home’s bills. Each home has a different heating system, thermostat setting, number of people living there, insulation, more or less appliances, hotter or colder and longer or shorter showers.... the list goes on. Comparing your electric bill with your neighbor will never answer your questions.

**the same month last year?”**

Temperature averages vary. Last winter may have been very mild, and your home’s heating system wasn’t running very hard. Compared to this winter, which may have had your heating system running 24/7. Or, have you added a baby since last year? An addition onto your home? A pool/hot tub? More appliances? They all add to your overall electric bill.

