

Your energy costs

A room-by-room guide



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Connect at **sdge.com**

The more you know, the more you can save.



Household appliances, gadgets and other things in and around your house each use energy in different ways. For example, clocks run all day, every day, while refrigerators cycle on and off to maintain a fixed temperature. Other items, like televisions and vacuum cleaners, may only run a few hours per week.

Since residential electric rates are “tiered” - meaning the cost per kilowatt hour (kWh) increases as you use more energy - your cost to run these household items depends on the overall amount of electricity you use.

This guide will give you a good idea of where you're spending your energy and money - and show you how changing from a 'high-use' household to a 'low-use' household can save you up to 50% on your energy bill!

Learn how you can track where your energy dollars are going and get a personalized action plan at sdge.com/myenergytool or give us a call at **1-800-411-7343**.

Determine if your household is low-use or high-use by looking at your energy use on your most recent electric bill:

| Consumption | Tier | Household Use |
|-------------------------|--------|---------------|
| Baseline* | Tier 1 | Low-use |
| 101% - 130% of baseline | Tier 2 | Low-use |
| 131 - 200% of baseline | Tier 3 | High-use |
| Over 201% of baseline | Tier 4 | High-use |

*Baseline allowance is determined by a number of factors, including your climate zone and billing period.

- “Low-use” electric costs calculated using an average of 300kWh per month.
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These estimates valid beginning June 2014.

Kitchen

Blender

1¢ per 15 minutes

3¢ per 15 minutes

Coffee Maker

3¢ per pot

7¢ per pot

Coffee Maker (Single Cup Makers)

24¢ per warm-up

60¢ per warm-up

10¢ per cup

24¢ per cup

Dishwasher

gas water heater

29¢ per load, without heated dry

49¢ per load, with heated dry

35¢ per load, without heated dry

55¢ per load, with heated dry

electric water heater

50¢ per load, without heated dry

58¢ per load, with heated dry

\$1.26 per load, without heated dry

\$1.46 per load, with heated dry

Food Processor

6¢ per hour

14¢ per hour

Microwave Oven

standard size, 1500 watts

24¢ per hour

60¢ per hour

compact size, 1000 watts

16¢ per hour

40¢ per hour

Oven

electric, cooking

24¢ per hour

60¢ per hour

gas, cooking

17¢ per hour

17¢ per hour

electric, self-cleaning cycle

32¢ per cleaning

80¢ per cleaning

gas, self-cleaning cycle

34¢ per cleaning

34¢ per cleaning

Range Top

electric, small burner,

medium setting

5¢ per hour

12¢ per hour

electric, small burner,

high setting

19¢ per hour

48¢ per hour

gas, medium setting

3¢ per hour

3¢ per hour

gas, high setting

16¢ per hour

16¢ per hour

Refrigerator (22 cu. ft., side-by-side)

ENERGY STAR® -15% more
efficient than standard

\$7.61 per month

\$19.03 per month

standard (2001 or newer)

\$8.96 per month

\$22.40 per month

19 years or older, frost-free

\$25.12 per month

\$62.80 per month

Refrigerator (compact, Energy Star)

\$4.40 per month

\$11.00 per month

Toaster

1¢ per use

2¢ per use

Wine Cooler

\$3.74 per month

\$9.36 per month

Lighting

Light Bulbs

incandescent, 100 watts

2¢ per hour

4¢ per hour

compact fluorescent,

13-18 watts, equal to a

60-75 watt incandescent

less than 1/2¢ per hour

less than 1¢ per hour

Lighting - Holiday

standard incandescent -

25 bulb string

2¢ per hour

6¢ per hour

mini light incandescent -

100 bulb string

2¢ per hour

5¢ per hour

LED - (3) 35 bulb strings

less than 1/2¢ per hour

less than 1¢ per hour

Lighting - Landscape

low-voltage, exterior, six lights

2¢ per hour

4¢ per hour

Night Light

1¢ per hour

3¢ per hour

Lighting - Kitchen

48-watt fluorescent tube

Up to 1¢ per hour

Up to 2¢ per hour

compact fluorescent,

30 watts, equal to a 150-watt

incandescent

less than 1/2¢ per hour

up to 1/2¢ per hour

Lighting - Track

interior with three lights,

300 watts

5¢ per hour

12¢ per hour

compact fluorescent

with reflector, 13 watts,

equal to a 75-watt incandescent

less than 1/2¢ per hour

less than 1/2¢ per hour

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Living Room

Air Conditioner

*electric, room air, 1/2-ton,
SEER 8.3*

12¢ per hour
29¢ per hour

Aquarium (includes filter, heater and light)

15-20 gallon
\$2.19 per month
\$5.48 per month

25-50 gallon
\$2.88 per month
\$7.20 per month

Fireplace Logs

gas
60¢ per hour
60¢ per hour

DVD Player

up to 1/2¢ per hour
1¢ per hour

DVR

\$5.28 per month
\$13.20 per month

Television

color, 25"
2¢ per hour
6¢ per hour

Television - High Definition

54" plasma
5¢ per hour
13¢ per hour

42" LCD
3¢ per hour
8¢ per hour

Video Games

Playstation/xBox
3¢ per hour
8 ¢ per hour

Wii
<1¢ per hour
1¢ per hour

Electric Heating Pad

1¢ per hour
2¢ per hour

Hair Dryer

electric
5¢ per 15 minutes
12¢ per 15 minutes

Portable Heater

electric, 1500 watts
24¢ per hour
60¢ per hour

Home Office



Computer Printer

while printing
up to 1/2¢ per minute
up to 1¢ per minute

Computer Scanner

while in use
less than 1/2¢ per minute
less than 1/2¢ per minute

Fax Machine

in use
1¢ per hour
2¢ per hour

on standby
\$2.88 per month
\$7.20 per month

Smart Phone Charger

while charging
up to 1¢ per hour
up to 2¢ per hour

Computer and Monitor

4¢ per hour
10¢ per hour

Computer Laptop

up to 1¢ per hour
up to 2¢ per hour

Sewing Machine

2¢ per hour
4¢ per hour

Bedroom/Bathroom



Clock

23¢ per month
58¢ per month

Curling Iron

1¢ per 15 minutes
2¢ per 15 minutes

Electric Blanket

1¢ per hour
3¢ per hour

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Garage

Air Compressor

1 hp
4¢ per hour
10¢ per hour

Drill

1¢ per hour
16¢ per hour

Freezer

manual defrost,
15 cu. ft., chest
\$10.56 per month
\$26.40 per month
frost-free, 15 cu. ft., upright
\$15.44 per month
\$38.60 per month

Furnace Pilot Light

gas
\$9.17 per month
\$9.17 per month

Garage Door Opener (2x/day)

12¢ per month
29¢ per month

Sander

5¢ per hour
14¢ per hour

Shop Vac

3¢ per hour
7¢ per hour

Table Saw

22¢ per hour
55¢ per hour

Water Heater

electric
\$50.56 per month*
\$126.40 per month*
electric heat pump
\$19.09 per month*
\$47.74 per month*

gas
\$20.23 per month*
\$20.23 per month*

Tankless, electric
\$47.52 per month*
\$118.80 per month*

Tankless, gas
\$14.67 per month*
\$14.67 per month*

* based on 55 gallons per day,
household of three

Whole House

Air Conditioner

3-ton Central Air, SEER 15
38¢ per hour
96¢ per hour
3-ton Central Air, SEER 12
48¢ per hour
\$1.20 per hour

3-ton Central Air, SEER 10
58¢ per hour
\$1.44 per hour

3-ton Central Air, SEER 7
82¢ per hour
\$2.04 per hour

Dryer

electric
45¢ per 30-minute load
\$1.13 per 30-minute load

gas
31¢ per 30-minute load
34¢ per 30-minute load

Fans

ceiling/portable
2¢ per hour
4¢ per hour

Heating

electric ceiling
29¢ per room, per hour
72¢ per room, per hour

central heat, electric
\$1.95 per hour*
\$4.87 per hour*

central heat, gas
\$1.12 per hour*
\$1.12 per hour*

* including forced-air furnace fan

House Alarm

\$1.38 per month
\$3.46 per month

Oxygen Pump

4¢ per hour
9¢ per hour

Vacuum Cleaner

12¢ per hour
30¢ per hour
portable hand-held,
rechargeable
less than 1/4¢ per hour of use
less than 1/4¢ per hour of use

Washer

electric water heater
30¢ per load*
76¢ per load*

gas water heater
14¢ per load*
21¢ per load*

* warm wash, cold rinse

Whole-House Fan

1/4 hp
2¢ per hour
5¢ per hour

1/3 hp
4¢ per hour
9¢ per hour

1/2 hp
5¢ per hour
13¢ per hour

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A photograph of a swimming pool with a wooden deck. On the deck, there is a white outdoor dining set with a table and chairs, a white lounge chair, and a yellow inflatable ring. A blue and white striped towel is on the deck. The pool is surrounded by greenery and a white fence in the background.

less than 1/2¢ per hour
less than 1/2¢ per hour

gas
\$1.28 per hour
\$1.28 per hour

4¢ per hour
10¢ per hour

electric
23¢ per hour
58¢ per hour

gas, 84,000 BTU
\$1.44 per hour
\$1.44 per hour

96¢ per hour
\$2.40 per hour

15¢ per hour to maintain*

28¢ per hour

\$5.24 per hour

75¢ per hour

* increase in usage depends on the
spa's exposure to the wind

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