

## Energy Usage

The following list will give you AVERAGE monthly Kilowatt hour figures for various appliances. Newer energy-saving models will use less and some older models will use more. Again, these are monthly usage figures (unless otherwise stated), so multiply by today's KWH rate of 5.36 cents (or \$.0536) to get monthly cost. For instance, 100 KWH per month is \$5.36 per month.

### Appliance Monthly KWH's

REFRIGERATOR / FREEZER,

17 Cubic Ft. Frost-Free

120-160

Manual

80-100

Side x side 20 Cubic Ft., Frost Free

160-200

FREEZER,

15 Cubic Ft. Upright Frost-Free

125-200

Manual

80-140

15 Cubic Ft. Chest, Manual

60-100

LAUNDRY,

Clothes washer (machine operation)

10

Clothes Dryer (per load)

3-4

Energy to heat water with electricity

(30 loads at various temperatures)

200

WATER HEATER,

excluding clothes washer and dishwasher

250-400

DISHWASHING,

1 Load a day

30

Hot water for 30 loads

100-130

RANGE

For a family

65-100

Self-Cleaning, each time

5

MICROWAVE OVEN

16-40

WELL PUMP

75-130

ELECTRIC BLANKET

(150 watts) used every night

12-19

FANS,

Window or table fans

14-25

Furnace or central air fans

59

Attic Fan

75-150

AIR CONDITIONING,

Window unit, 9000 BTU/hr/8 hrs per day

321

Central System 24K BTU/hr/8 hrs per day

857

LIGHTING,

One 100 watt incandescent bulb

(10 hrs./day, 30 days)

30

RADIO

2-8

TELEVISION,

Color, tube type

55

Color, solid state

37

B & W, tube type

29

B & W, solid state

10

HAIR DRYERS / CURLERS,

Blow dryer (750 watts, 10 min./day)

4

Bonnet type (400 watts, 45 min./day)

9

Hair setter/curler (350 watts)

1

FRYING PAN

(1200 watts, 15 uses)

9

ELECTRIC CLOCK

(2.5 watts)

2

TOASTER

(pop-up type & broiler oven)

4-12

STEREO

(2 hrs./day)

9

These figures are averages and vary according to your individual lifestyle and the energy efficiency of the appliance.

For appliances not listed, you can use the following to figure your monthly usage.

VOLTS X AMPS = WATTS

Normal voltage for small appliances is 120 volts.

WATTAGE X OPERATING HOURS X 30 DAYS / 1000 = MONTHLY KWH'S

Example:

100 watt bulb X 10 hours/day X 30 day/month / 1000 = 30 KWH of monthly usage

If you have questions, contact your Member Services Department at the Cooperative.