

Do It Yourself **Home Energy Check-Up**

Roseville Electric, your community-owned electric utility, is committed to helping customers save money by reducing their home energy bills. Use this checklist around your home to identify areas where you can be saving money and energy.



HEATING and **COOLING**

- ☐ Set your thermostat to 68 degrees or lower during the day in winter, health permitting, and bundle up

TIP For every degree you lower your thermostat in the 60-70 degree range you can save approximately 5 percent in heating costs

TIP Do not use electric space heaters unless you use them efficiently to warm small rooms for short periods of time; central gas furnaces are more cost effective when heating your whole house

- ☐ Set the thermostat to 78 degrees or higher during the summer months as your health allows.

- ☐ Use ceiling or table fans to keep you cool.

FYI A ceiling fan allows you to raise the thermostat setting about 4 degrees with no reduction in comfort. Remember to turn them off when you leave the room, fans cool people, not rooms

- ☐ Block the sun's rays with drapes or blinds during the summer, and open them to use the sun to warm your home during the winter

- ☐ Clean or replace air filters once a month or as directed by manufacturer and have your HVAC system maintained or serviced regularly

- ☐ Feel around windows, doors, baseboards, fireplace and outlet covers for drafts and air leakage

- ☐ Caulk, install weather-stripping, place gaskets behind outlets and insulate or seal cracks at baseboards

- ☐ Touch walls for radiant temperature (heat or cold) and check attic for adequate insulation

FYI ENERGY STAR recommends R-38 to R-60 insulation for our climate zone

STEP 2



APPLIANCES

- Refrigerator temperature should be between 37 and 40 degrees and the freezer should be between 0 and 5 degrees ☐
- Close the refrigerator door over a piece of paper; if it pulls out easily the seal or latch may need to be replaced ☐
- Allow adequate space between the wall and back of the unit for air circulation and clean the coils regularly ☐
- Recycle your extra refrigerator or freezer if it is not being used and save up to \$20 per month - see www.roseville.ca.us/rebates ☐
- Wash only full loads of laundry and use cold water whenever possible ☐
- Clean the lint trap on the dryer each load to allow adequate air flow ☐
- Check your electric or gas water heater for leaks and lower the temperature to 120 degrees to save energy ☐



STEP 3

OUTDOORS

- ☐ Maintain swimming pool equipment and run it at the minimum recommended time while allowing the water to turn over once per day
- TIP** Reduce your filtration time to 6 hours per day, if the water doesn't appear clean, increase the time in half-hour increments until it does. Upgrade to a variable speed pool pump
- TIP** Turn your spa heater down or off when not in use and keep it covered to retain heat and insulate the equipment
- ☐ Plant deciduous trees to shade your home in the summer, and allow the sun to warm it in the winter after the leaves have fallen
- ☐ Shade your HVAC condenser, making certain you do not block air flow to the coils

STEP 4



LIGHTING

- Upgrade to more efficient lighting inside and outside your home ☐
- You can save up to \$2 per month for each incandescent bulb you replace with a compact fluorescent (CFL) bulb **FYI**
- CFLs use 75 percent less energy and last 10 times longer than incandescent bulbs; Light Emitting Diodes (LED) use 80 percent less energy and last 25 times longer **FYI**
- Install motion sensors and timers on indoor and outdoor lights; or choose lighting fixtures with photo sensors to automatically turn the lights off when the area is bright enough **TIP**



UNPLUG

- ☐ Count everything inside and outside your home that is plugged in and write it here:

FYI Many appliances use energy even when turned off or not in use. Use a power strip that can easily be turned off for computers, monitors, gaming consoles, cellular phones, cameras and battery chargers. Between 5 and 10 percent of residential electricity goes toward powering appliances in standby power mode. The **biggest offenders** tend to be televisions, gaming systems, cable boxes and computers.

- ☐ Now write down the items that you can unplug or turn off until you need to use them

MORE INFO



RESOURCES

Discover how much energy you use; check our Home Energy Analyzer at www.roseville.ca.us/LowerMyBill

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You will be able to view your actual usage on a bar graph up to the past 13 months

FYI

Check for rebates for energy efficiency measures that you are considering at www.roseville.ca.us/Rebates

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