

# Money Saving Energy Tips From C.E.C.

## Heating

- Make sure your home is properly insulated (ceilings, walls and floors).
- Don't depend on thermostat settings; go by your own comfort. Keep the temperature where you are comfortable wearing a light sweater.
- For every degree you lower your thermostat setting, you save 1% of your heating costs. Heat pumps require special thermostats for automatic temperature setbacks.
- When the house is cold, don't "overset" the thermostat for temperature recovery. The house won't heat any faster.
- Keep drapes and shades open in sunny windows; close them at night.
- Be sure the heated air flow is not restricted by furniture, carpeting or drapes.

## Central Forced Air Systems

- Make sure the duct system is properly sealed and insulated. Have the duct system checked for leakage.
- Keep registers and interior doors open, even in unused rooms. Keep return air grills and warm air ducts clean and free of obstructions.
- Keep furnace filters clean. Have the heating system serviced annually (usually in the fall).



## Zonal Heating Systems (Wall heaters, baseboards, etc.)

- Use wall-mounted, "heat anticipating" type thermostats.

## Lighting

- Use fluorescent lights. *They're 70% more efficient than incandescent lights.*
- Eliminate unnecessary or decorative exterior lights. Use lights for security or safety purposes only. Turn on porchlights only when expecting visitors.

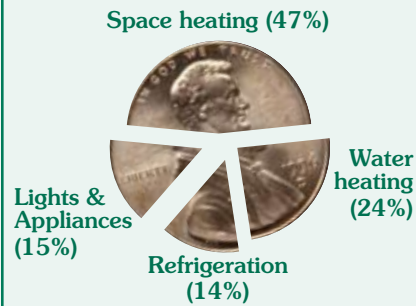


## Water Use

- Buy high efficiency water heaters. They use 10% less energy than standard units.
- Check the hot water temperature with a thermometer at the faucet closest to the water heater. The general recommendation for water heater temperature is 120°F. *Older dishwashers may require 140°F.*
- Insulate water heaters unless prohibited by manufacturer's instructions. Follow directions on the insulation kit.
- If there is no risk of it freezing, turn off the electricity to the water heater when leaving home for more than two days.

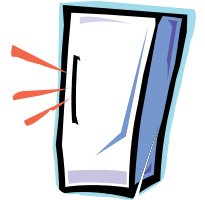
### Consumption Breakdown

Average percentages of energy (all-types) used in Central Oregon Homes.



## Refrigerators & Freezers

- Buy Energy Star rated models. *New units use 20% less energy than older ones.*
- Clean condenser coils frequently.
- Whenever possible, consolidate food items into fewer refrigerators or freezers.

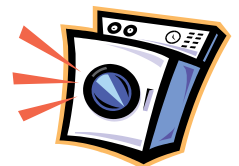


## Air Conditioning

- Adjust home air conditioning to maintain 76° F or higher.

## Laundry

- Buy Energy Star rated washers. *Improved machines use 50% less energy than standard models.*
- Keep dryer lint traps clean.
- Eliminate kinks and bends in dryer exhaust ducts.
- Check the dryer exhaust damper to see that it opens and closes easily.



## Cooking

- Maximize the use of microwave ovens and tabletop cooking appliances.



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# More Money Saving Energy Tips

## Heating

- Keep fireplace dampers closed when not in use. Glass doors are recommended.
- Keep foundation vents closed during cold weather.
- Install weather stripping and caulking on doors, windows and other openings to stop air leakage.
- Use portable electric space heaters safely.
- Buy Energy Star rated windows.
- Seal off window air conditioners and swamp coolers in the winter.
- Keep wall and baseboard heaters clean and free of debris.

## Lighting

- Open drapes and blinds for maximum sunlight but close them on cold days when the sun isn't shining.
- Use minimum wattage lamps for specific tasks. If using three-way lamps, use the lower setting for general use and mid-position for reading, sewing, etc. Turn off lights when not in use.

## Laundry

- Maximize clothesline use.
- Check the water temperature in washing machines for proper temperature settings.
- Dry full loads—don't over dry. Use moisture sensor controls, if available.
- Use cold water and cold water detergents whenever possible.

## Cooking

- Thaw frozen foods in the refrigerator or microwave before cooking.
- Keep ovens and range surface units clean.

## Water Use

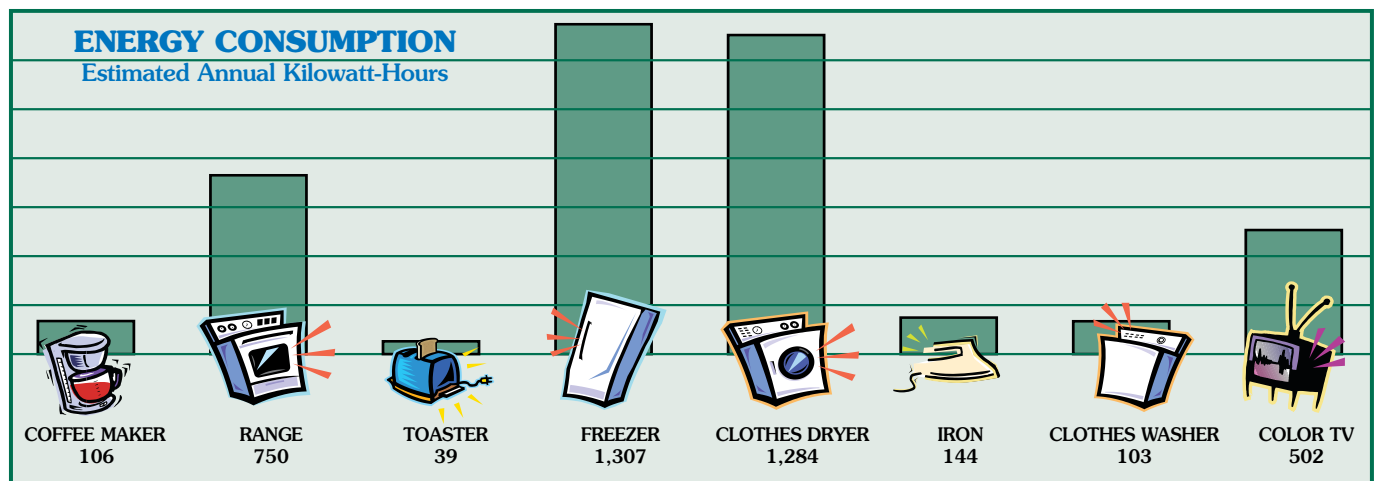
- Control hot water circulating pumps with a timer.
- Use efficient showerheads and faucet aerators.
- Insulate hot water pipes in unheated areas.
- Repair all dripping faucets.
- Take showers instead of baths. Limit time in the shower.
- Run the dishwasher only when it is fully loaded. Avoid "rinse & hold" settings. Use "air dry" settings, or open the door for air-drying.
- Don't let water run when brushing teeth, shaving, etc.

## Refrigerators & Freezers

- In dry climates, set self-defrosting units to defrost less often. Defrost manual units when ice buildup exceeds 1/4 inch.
- Provide enough space around the unit for air to circulate freely.
- Limit opening of doors. Check door seals and replace when needed.
- Refrigerators and freezers operate most economically when filled to capacity, but don't overload to the point of interfering with interior air circulation.
- Keep refrigerators and freezers away from sources of heat (direct sunlight, heating vents, etc.).
- Adjust refrigeration thermostats for proper settings.

## Air Conditioning

- Replace or clean filters as needed.
- While using air conditioning, turn off unnecessary lighting and minimize the use of heat-producing appliances.
- Be sure that you purchase the proper size air conditioning unit for your home.



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