

Projects Prioritized by Payback

Medium cost: Payback typically 5-10 years

- Buy only ENERGY STAR® rated appliances.
- Install quality storm windows on single-pane windows.

Higher cost: Payback typically less than 20 years

- Replace old cooling system with ENERGY STAR® rated air conditioner or heat pump.
- Replace old heating system with ENERGY STAR® rated furnace or heat pump.
- Replace windows-payback will vary depending on the air infiltration and insulation condition of the existing windows.

Energy Savers Shopping List



Check out the EnergyWiseSM incentives available from your Public Power utility.



Nebraska Public Power District

Always there when you need us

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ENERGYWISESM
Use less. Spend less. Do more.



Energy Savers Shopping List

Electricity

- Compact Fluorescent Lightbulbs (CFL's), ENERGY STAR® rated
- Refrigerator thermometer
- Appliance and lamp timers
- Surge protector power strips
- Energy-saving power strips

Duct Sealing

- UL 181 mastic (paste) sealer
- Aluminum tape

Air Sealing/Weatherization

- Caulk gun
- Caulk, 50-year (100% silicone is best)
- Spray foam (use correct foam expansion specific to use)
- Rope caulk
- Outlet/light switch foam gasket covers
- Child safety outlet caps
- Plastic storm window kits/weatherstripping
- Fireplace draft-stopper

Water Heating Efficiency

- Bathroom faucet aerator (0.5 gpm)
- Shower head (1.75 gpm or lower)
- Kitchen sink dual-spray flow control aerator (2.2 gpm or less)
- Water pipe insulation (with sticky tabs)
- Water heater blanket
- UL-rated aluminum tape (for water heater blanket)

Contact your local utility or visit their website for more information on Energywise incentives (\$\$), or complete a free online energy audit.

Projects Prioritized by Payback

No cost: Immediate energy savings

- Turn off lights & ceiling fans in unoccupied rooms.
- Set water heater at 120°F, unless dishwasher requires 140°F.
- Wash only full loads of dishes and laundry.
- Unplug unused electronics and chargers.
- Clean refrigerator condenser coils once a year.
- Use energy-saving setting on all appliances.
- Defrost freezer once a year.

Low cost: Payback typically less than 1 year

- Replace furnace filters every 2-3 months.
- Make sure heating and cooling system is clean and well maintained.
- Replace weatherstripping around doors and windows.
- Caulk around all exterior wall penetrations.
- Use compact fluorescent lightbulbs.
- Repair leaky faucets and toilets.
- Seal large leaks in heating ducts.
- Install plastic storm window kits on inefficient windows.
- Install low-flow faucet aerators & shower heads.

Medium cost: Payback typically less than 4 years

- Install an Energy Recovery Ventilation (ERV) system for fresh filtered air.
- With tighter homes, be aware of indoor air pressure to:
 1. Avoid pulling radon and water vapor into home.
 2. Avoid dangerous backdrafting of chimneys.
- Install and use a programmable thermostat.
- Insulate below-grade basement walls to R-10 or more.
- Insulate exposed basement walls to R-18 or more.
- Insulate basement rim-joists to R-18 or more.
- Insulate exterior walls to at least R-13.
- Insulate attic to at least R-49.
- Insulate exposed floors to at least R-30.
- Insulate vaulted ceiling to at least R-25.