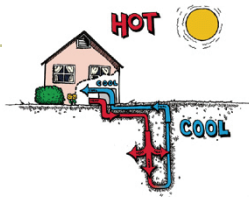


## *Renewable Energy & Energy Efficiency*

### **Why install a heat pump?**

Electric air to air heat pumps operate by moving or transferring heat, rather than creating it. During the summer, a heat pump captures heat from the inside of a home or business and transfers it to the outdoor air through a condensing unit. During the winter, the process is reversed. Heat is captured from outdoor air, compressed and released inside.

Geo thermal heat pumps work primarily the same, however they exchange heat with the earth rather than the outdoor air. Since earth temperatures remain constant throughout the year, these systems operate more efficiently than air source heat pumps. And because they are working from those constant earth temperatures, there are no blasts of "hot air" or "cold blow" as with other systems. Most geo thermal models have the ability to provide low-cost domestic hot water, further increasing their operating efficiency.



### *New Construction Rebate*

Available to consumers meeting the requirements of a 14 SEER heat pump plus R 38 ceiling and R 18 wall insulation. Consumer will also receive a free 40 gallon electric water heater.

### *5% Interest Irrigation Loans for "LEPA" Center Pivot Sprinkler Systems*



LEPA sprinklers are designed to irrigate crops more efficiently in an effort to conserve water. The co-op offers 5% interest loans for LEPA sprinkler systems up to \$40,000 or 80% of total cost of a sprinkler, whichever is the lesser, for a 7 year term.

### *Compact Fluorescent Light Bulb Program*



**Change 5 lights.** Replace 5 most frequently used light fixtures, or the bulbs in them, with models that have earned the ENERGY STAR label for energy efficiency and save more than \$60 a year in energy costs. The 5 highest-use lights are typically found in the kitchen, living room, bathroom, and outdoor areas (such as a porch or post lamp).

**Get 1 instead of 10.** Compact Fluorescent lamps (CFLs) last 6 to 13 times longer than standard incandescent bulbs, saving you time buying and replacing bulbs, and about \$25-\$50 in energy costs over the life of each bulb. We have a disposal program available to consumers for the safe disposal of CFL bulbs.

## Roosevelt County Electric Cooperative, Inc.

### *Energy Conservation Programs For Consumers*

- \* *Rebates*
- \* *Loans*
- \* *Product Promotion*
- \* *Information*



For more information on the Energy Star™ program requirements and qualifying products and appliances visit [www.energystar.gov](http://www.energystar.gov)

**Contact: Robin Inge @ 575-356-4491**

# Renewable Energy—Energy Resources Conservation Programs

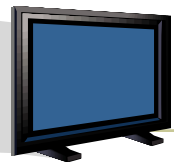
## ***3% Interest Loans***

Beginning May 1, 2008, RCEC will change its requirements on energy efficient products covered under the Renewable Energy—Energy Resources Conservation (ERC) loan program for consumers. Any items such as heat pumps, storm windows and doors and insulation will now be required to carry the label or meet the Energy Star requirements. The interest rate has been lowered from 5% to 3% with up to a 10 year term or minimum payments of at least \$50. These Energy Star Requirements can be viewed at [www.energystar.gov](http://www.energystar.gov).

## ***5% Interest Loans for Electric Products & Appliances***



5% interest loans up to \$1500 to qualifying customers on electrical appliances or products bearing the Energy Star label for up to 5 years or a minimum payment of \$25.



## ***0% - 3% Interest Loans on Geo Thermal Ground Loop Heat Pumps***

To encourage the use of geo thermal ground loop heat pumps, the most efficient form of heating and air conditioning, the co-op will loan up to \$6,000 at no interest for the cost of the ground loop portion only of a ground loop heat pump. This ground loop loan is available for new construction or retrofit projects. The heat pump itself can be financed through the RE-ERC loan program for retrofit projects and regular home lending sources for new construction projects.

## ***Home Energy Audits***

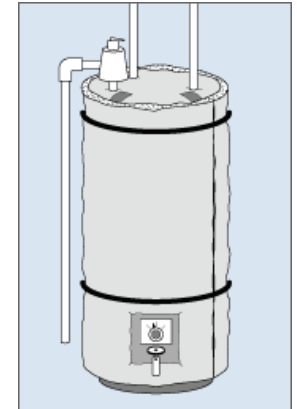
A home energy audit is the first step to assess how much energy a home consumes and how to evaluate what measures to take to make a home more energy efficient. An audit will show problems that may, when corrected, save a significant amount of money over time. Audits can pinpoint where a home is losing energy as well how to conserve hot water and electricity. The co-op offers this service free of charge to interested consumers.

## ***Energy Efficient Water Heaters & Water Heater Blankets***

The co-op will give a free 40 gallon energy efficient water heater on conversion from gas to electric and a \$50 credit on the next month's electric bill with a statement of installation from a licensed installer.

Adding an insulation blanket to a water heater storage tank can reduce standby heat loss by 25%-45%. This will save around 4%-9% in water heating costs.

An insulation blanket should pay for itself in about one year. RCEC will furnish an insulation blanket free of charge to consumers when converting to an electric water heater.



## ***“Energy Savers... Tips on Saving Energy & Money at Home”***

(Published by the Dept of Energy)

Tips on how to “Save Energy Today” with easy low-cost and no-cost ways to save energy. Available on request at the co-op office.