

# Hawkeye REC News

The Power Is Yours



**In This Issue...**

**PAGE 2** Manager's Message

**PAGE 3** Outage Report  
Monthly Board Report

**PAGE 4** Iowa State Fair  
Fair Contest Winners

**PAGE 5** Air Filter Tips  
Energy Efficiency Tip

**PAGE 6** Heat Pumps (cont.)

**PAGE 7** Recipes

**PAGE 8** Dates to Remember  
"Part of Your Co-op" Series

*Our office will be closed on Monday, Sept. 6th in celebration of Labor Day.*



## Efficient and Reliable Renewable Energy

# Heating and Cooling Efficiently with Heat Pumps

**M**anaging the temperature in a home or business has the hands-down biggest impact on energy costs. In trying to keep warm in winter and cool during summer, the average U.S. homeowner spends \$1,400 annually, accounting for 56 percent of all home energy expenses.

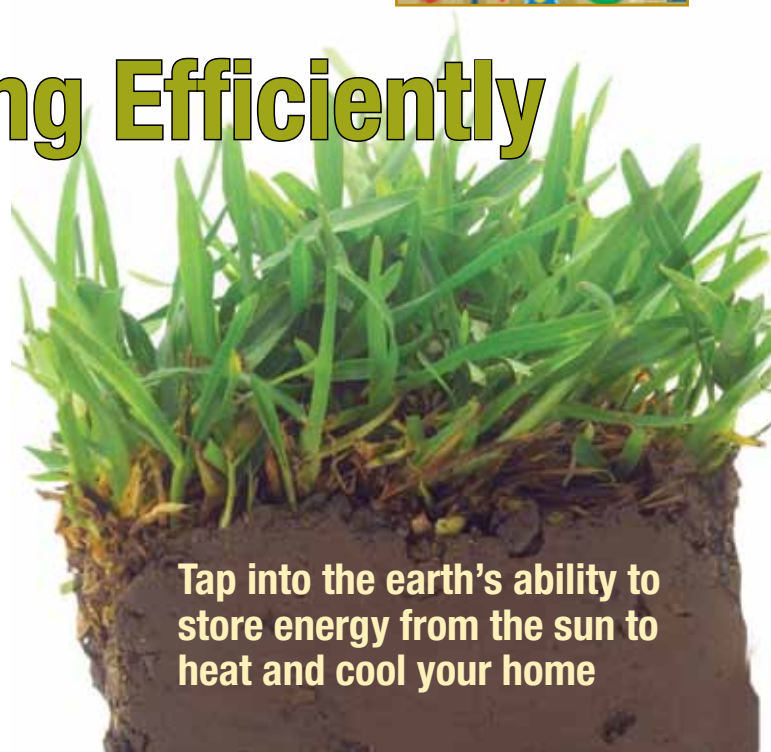
While this outlay can be trimmed by tweaking efficiency, some folks have taken it a step further and installed heat pumps, highly efficient devices that can provide both heating and cooling comfort.

As the name implies, heat pumps simply move heat from one place to another. During winter months, they collect and consolidate heat from outside sources and move it inside; during summer months, they reverse the flow and send warm, indoor air out.

The most common type is an air-source heat pump that resembles an air-conditioning unit and uses the air around it to transfer heat. Geothermal heat pumps, also known as ground-source heat pumps, use the earth itself or ground-water as a means of transferring heat.

When replacing an electric heating system, air-source heat pumps can trim the amount of electricity needed for heating by as much as 30 percent to 40 percent. Although a typical high-efficiency, ENERGY STAR-qualified air-source heat pump comes with a substantial \$6,000 price tag, it's estimated that energy savings will offset the purchase price within five years.

Geothermal heat pumps come in two types: a ground-water (open-loop) system uses well water; an earth-coupled



**Tap into the earth's ability to store energy from the sun to heat and cool your home**

## We Have Moved!

The office staff is now located at the Howard County Fairgrounds Featherlite Center in Cresco. This will be our temporary home for the next nine months. Members can stop by the temporary office to pay bills, request service work, purchase water heaters, and all other member service needs.



*The payment drop box has also been moved to this location.*

*More on page 6...*