

# GEOTHERMAL COMFORT

## Harnessing the energy of the Earth “Geothermal Systems”

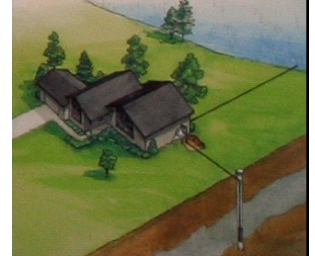
**\$250 PER TON REBATE AVAILABLE**

Geothermal systems offer a safe, renewable energy resource by transferring solar energy from the earth to your home. Open loop geothermal heat pumps use supply and return water wells, while closed loops (either horizontal or vertical) use fluid filled underground vertical, horizontal, slinky or pond piping to transfer geothermal energy. They produce up to 5 times more energy than they consume, resulting in unparalleled energy efficiency and reduced utility bills. Your family will enjoy comfortable, constant temperatures; healthy, clean air all day and night, during both summer and winter; with no more blasts of hot or cold air. Plus, built in humidity control will even make your basement recreation room luxuriously livable.

There are several different types of systems shown on the right. Each one designed specifically for different preferences or situations.

### Why choose a Geothermal System?

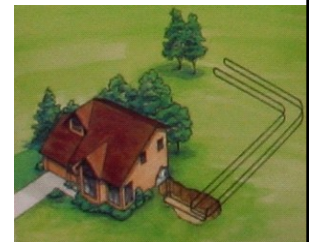
1. **Enjoy both heating and cooling**
2. **Warm, comfortable air flow from supply ducts**
3. **More economical than oil, gas, or propane systems**
4. **Long Life – average 20-25 year life span**
5. **No unsightly outdoor unit to maintain**
6. **Environmentally friendly – no explosive fuels, flame, smoke, soot, or other pollutants**
7. **Low maintenance – just clean the filter periodically**
8. **Increases resale value of home**
9. **Bedford Rural Electric offers a \$250.00 rebate per ton of capacity installed up to 5 ton**



**Open Loop**



**Pond Loop**



**Horizontal Loop**



**Vertical Loop**



**Manifold Pipes  
and Geothermal  
Unit Installation**



**Bedford Rural Electric  
Cooperative, Inc.**

A Touchstone Energy® Cooperative 