

Geothermal Systems



**Advice when you want it.
Help when you need it.**

Using the Earth to heat and cool your home.

Looking for affordable heating and cooling? Underneath your yard, there's a reliable source of cool comfort for the summer heat, and warmth for the coldest winter day. A Geothermal system provides an efficient way to tap into that source, without the need for a costly gas or oil furnace.

Help From Nature

Just a few feet underground, the temperature stays a steady 54° all year long. A Geothermal system uses well water that is already piped into the home, or a system of buried pipes in the yard, to capture and bring the earth's heat into the home.

Warm and Comfortable

From the water entering your home, the compressor and its refrigeration system extract heat from this water. The electric air handler then distributes this heat through the normal duct system. Surprising to many people, there is enough heat in this water to comfortably heat your home, without the need for supplemental heat of any kind.

Lower Heating Cost

Geothermal systems operate at 400% efficiency. This high efficiency combined with the relatively stable electric rates are the very reason a Geothermal heating system will heat a home for one-third the cost of propane, oil or natural gas.

Cool and Quiet

During the summer, the Geothermal system reverses its operation to provide high efficiency cooling. The same water from your well or the buried pipe system is used to carry away heat from inside your home. Thus the earth is the heat source in the winter and the heat sink in the summer. The greater efficiency of a Geothermal system will cut your cooling cost in half, all without the noise of an outside A/C unit!

Hot Water Savings

One of the unique features of a Geothermal system is a "hot water assist" option which delivers hot water to a pre-heat tank, plumbed ahead of the water heater. During the winter, the Geothermal system supplies virtually all of the water needed at the same 400% efficiency. During the summer, the hot water is produced from heat being rejected from the home,

giving you virtually FREE hot water. Throughout the year, the "hot water assist" feature will cut your water heating cost in half.

Safe and Reliable

Unlike a heating system that relies upon the combustion of gas or oil; Geothermal is all-electric. It provides clean, safe heating; without any possibility of producing dangerous carbon monoxide. Because the Geothermal system is totally indoors, a Geothermal system is more reliable and will last longer than a gas or oil furnace.

\$600 Rebate Available

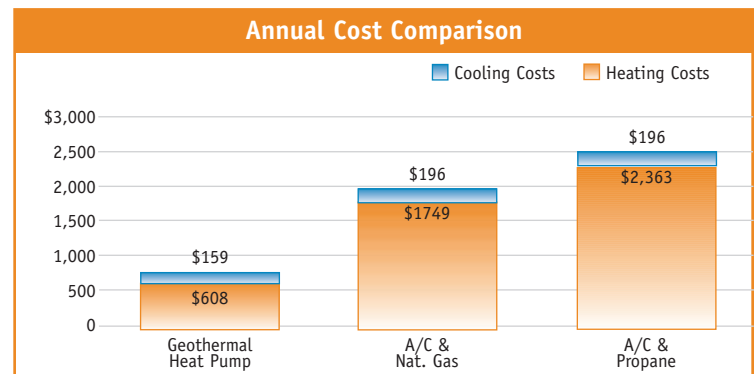
To encourage their installation, Wabash County REMC will give you a \$600 cash incentive for the installation of a new Geothermal system.

Geothermal — Count The Reasons

There are three distinct reasons to install a Geothermal system. **Heating Savings. Cooling Savings. Water Heating Savings.**

The heating, cooling and water heating savings make the installation of a Geothermal system an extremely good investment. You can feel good about choosing Geothermal!

Safe, comfortable, clean, and cost efficient!



Costs based on 2000 sq. ft. house with average insulation. Fuel costs: \$.065/kWh electricity; \$1.20/therm natural gas; \$1.50/gallon propane.

Contact your REMC for the most up-to-date cost comparisons.

Wabash County REMC

A Touchstone Energy® Cooperative 