

# How were Asking



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ADVERTORIAL

## Geothermal conversion

Thinking of converting to geothermal to heat and cool your home? There are several benefits beyond the immediate energy savings you'll enjoy.

First, you could be eligible for a rebate of up to \$4,375 for your part in reducing your carbon footprint for future generations. The system maintains a steady ambient room temperature as opposed to fossil fuel systems, which rely on the delivery of energy bursts to maintain your thermostat setting.

With a geothermal system the heating or cooling source is a constant, decreasing noise and also decreasing

dry air which often causes discomfort. How does it work? By tapping into the sun's constant energy, an ethanol solution is circulated through pipes buried in the ground in order to coordinate the exchange of heating and cooling throughout the seasons by transferring fluid through a geothermal unit.

In the winter, ethanol in the pipes absorbs the heat from the earth, the fluid is then pumped through the geothermal unit to supply your home with heat.

In the summer, the warm fluid in your home is pumped back out to the piping which then cools it and re-circulates

it back to cool the home.

It's estimated the conversion of a propane heated home will cut energy costs by 80 percent, and oil and electric systems, by 75 percent. The neat concept is that if you own your own land, a geothermal systems taps into an asset you already own.

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