

Energy From the Ground Up

Benefits of Geothermal

Quiet

Geothermal systems are completely self contained. The geothermal heat pump is similar in size to a conventional furnace and mounts in the interior mechanical room. This means enjoying your outdoor living space without the noise of a conventional outdoor air conditioning unit.

Reliable

Geothermal home heating and cooling technology has been utilized for decades in thousands of homes and commercial buildings all over the world. A geothermal system has been proven to require less maintenance and it has a longer life cycle than any conventional heating and cooling system. This saves the homeowner money over the life of their system.

Environmentally Friendly

Installing a geothermal heating and cooling system in a typical residence has the same effect on greenhouse gas emissions as planting an acre of trees or taking two cars off the road.

Comfort

Because geothermal systems use the relatively stable temperature of the earth as an energy source, you are assured of constant, even heating in winter, and better humidity control in summer. Geothermal systems eliminate the need for exhaust venting, reducing the number of penetrations in the building envelope and improving weather tightness. Geothermal systems are also the best choice for your indoor living environment. With no burning of fossil fuels, geothermal systems have none of the risks associated with carbon monoxide or open flames.

Flexibility

Ground source heat pumps can provide any combination of forced-air heating, radiant in-floor heating, domestic hot water, and air conditioning all from the same unit. From houses to office buildings to community swimming pools, and everything in between, geothermal systems can be designed to provide efficient heating and cooling solutions.

Leading the Way For Sustainable Communities

About Terrasource

Terrasource is a geothermal utility provider, with extensive experience in design, installation and operations of geothermal systems. Terrasource removes all costs associated with the exterior ground heat exchanger infrastructure. Like any other utility, it obtains a right of way on the property so it can provide the exterior portion of the geothermal system.

Secure Utility Rates

A Terrasource customer pays a one time connection charge and a monthly access fee for the use of the system. Monthly utility fees are fixed and only increase once per year by a maximum of the consumer price index, unlike other utilities that have no guaranteed maximum annual increase.

Peace of Mind

Terrasource warranties and maintains the exterior geothermal infrastructure of the system. They will carry out any required inspections, maintenance and make any necessary repairs to the exterior infrastructure, providing a worry free and secure supply of energy to homeowners.

Environmental Advantage

Geothermal systems transfer renewable energy to and from the ground at efficiencies of 300%-500%. This eliminates the need to extract, transport, and burn fossil fuels like natural gas to heat your home. Eliminating the reliance on fossil fuels means a direct and significant reduction in pollution, emissions and production of green house gases.