



HYBRID
STRUCTURES INTERNATIONAL Ltd.

The Leader in OTG Structures & Systems

Less Energy More Life

GeoThermal Systems The Energy Savings will add up!

The Earth provides FREE Energy!

FREE Renewable Energy Supply! Heating & Cooling from the earth by geothermal systems.

Hybrid Structures International **designs & installs complete** GeoThermal Systems. As heating & cooling costs rise many people are turning to alternatives for their energy requirements. GeoThermal is becoming a popular solution for both residential & commercial use. **CALL US NOW! 613-726-6673** (Ottawa)

What is GeoThermal?

Solar heat which has been stored in the earth's crust provides the inexhaustible source of supply energy for a geothermal heat pump. This energy is replenished each year by the sun during the normal cycle of our seasons. There is enough energy stored beneath each building to more than supply the cooling and heating requirements. All we need to do is extract that energy and the geothermal heat pump has been designed to do just that. Geothermal pump systems work by moving heat from the earth, not generating it through combustion.

Geothermal - Natural Renewable Energy Source

Geothermal Systems are generally used for forced applications air or ideal for, pools, hot tubs, low temp wall radiators, and in floor/radiant floor heating applications.

For every kilowatt of electricity that is used, 3.5 - 4.5kw of clean, renewable heat from the ground are transferred to the

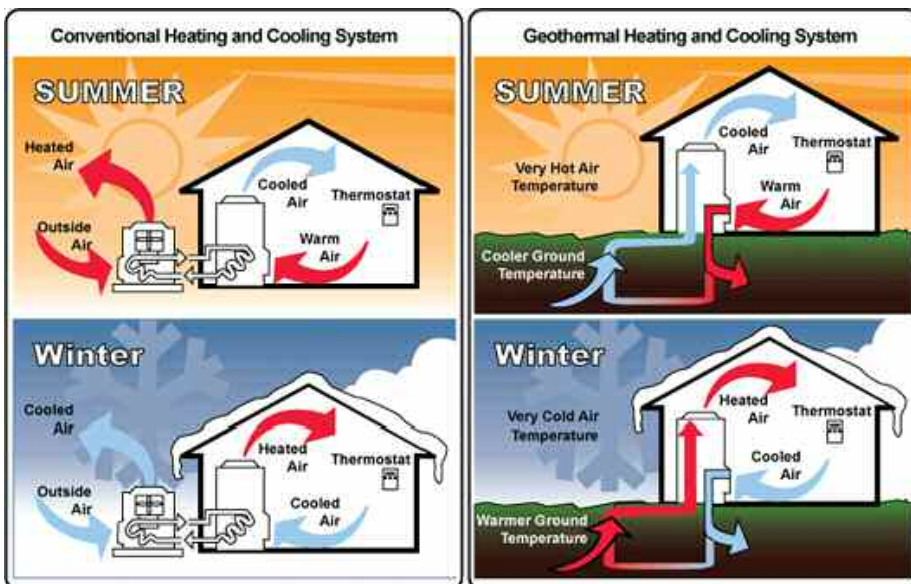
building or out of the building. That means that a geothermal system is 350% - 450% efficient. Up to 3/4 of the heat you require comes from the earth. This system is quickly becoming a popular solution to reduce heating and cooling costs of homes and commercial buildings.

The ways to utilize geothermal are: closed loop or open loop. Closed Loop - is pipe put underground and an antifreeze solution is circulated to absorb the earth's heat. Open Loop Systems - The open loop method uses two wells, drawing water from one well and sending it to the heat pump. (more info please visit - www.hsil.ca/gfi).

Geothermal Energy Systems

What you can expect with a geothermal system:

- Savings up to 66% over electric heat as well as possible discounts on house insurance.
- Automatic heating, cooling & hot water with a centrally located heat/cool thermostat.
- A cleanly operating system with no combustion.
- Geothermal heat pumps have a solid track record for long life & can be protected by extended warranty.
- Systems are housed indoor & are underground protected from harsh elements & with few moving parts the systems are virtually maintenance free.
- Heating & cooling a home with a renewable energy source helps reduce green house gas emissions.



The earth provides **FREE** energy! Call 613-726-6673

Version _01_111810 GEOTHERMAL SYSTEMS INFO

HSIL Geo 3T - 3000 sqft earth surface required.

System - 3 tone system, 3000 sqft. **Provides Heat/Cool:** water to air (forced air)
System Includes: Consultation, site visit, suited system design, all components, and drilling. Complete installation, testing and customer support. Component warranties and documents. (10 year warranty).

System Package Components: earth loop, furnace, pumps, thermostat, domestic hot water with preheat tank.

Price: \$ 34,650.00

HSIL Geo 4T - 4000 sqft earth surface required.

System - 4 tone system, 4000 sqft. **Provides Heat/Cool:** water to air (forced air)
System Includes: Consultation, site visit, suited system design, all components, and drilling. Complete installation, testing and customer support. Component warranties and documents. (10 year warranty).

System Package Components: earth loop, furnace, pumps, thermostat, domestic hot water with preheat tank.

Price: \$ 46,200.00

HSIL Geo 5T - 5000 sqft earth surface required.

System - 5 tone system, 5000 sqft. **Provides Heat/Cool:** water to air (forced air)
System Includes: Consultation, site visit, suited system design, all components, and drilling. Complete installation, testing and customer support. Component warranties and documents. (10 year warranty).

System Package Components: earth loop, furnace, pumps, thermostat, domestic hot water with preheat tank.

Price: \$ 57,750.00

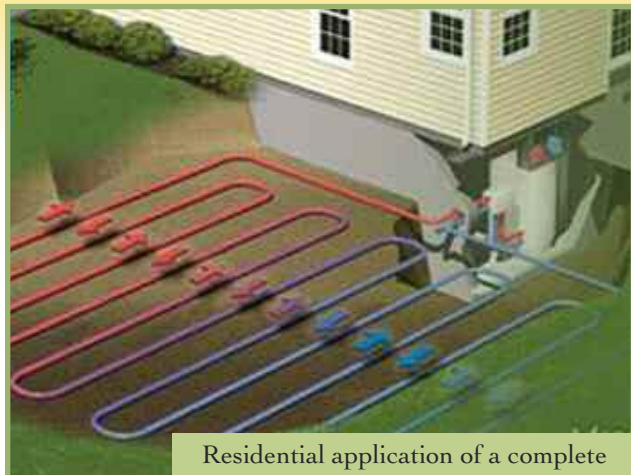
Other Systems - Water to Water (infloor heating) - site visit is required for price.

Other Services - Water Well drilling - site evaluation is required for price.

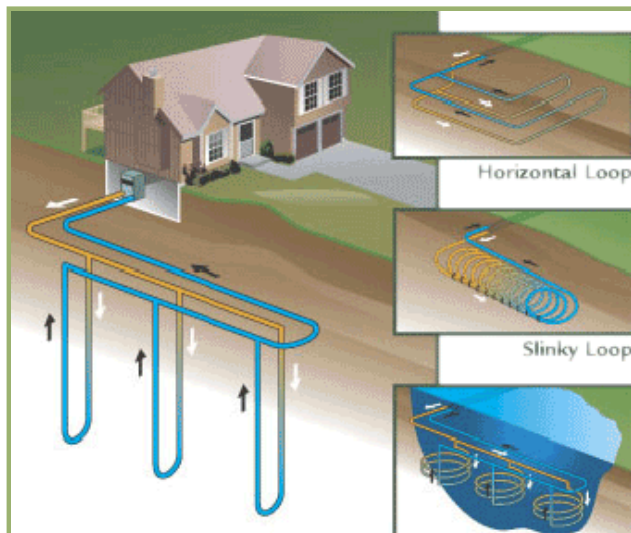
The GFI/ HSIL team will take the guess work out for you. We will design the most suitable geothermal application that suits your budget and objectives.

Financing is Available for Your System

We offer purchase options and financing through a variety of lending partners. Our finance manager will sit with you and tailor a plan to meet your specific financial goals. Business owners can lease, home owners may qualify for a home equity line of credit or one of many standard financing options.



Residential application of a complete Geothermal System.



Various pipe loop layouts for geothermal applications.

Hybrid Structures International Ltd. is a company comprised of leading industry professionals in the field of renewable energy and ecologically-friendly home development. Our experienced specialists are available to perform all installations of renewable energy technologies.

For more information - www.hsil.ca

101- 6 Bexley Place, Ottawa, ON K2H 8W2
T: 613.726.6673 C: 613.297.2803
www.hsil.ca/gfi



Homes ~ Cottages ~ Cabins ~ Shelters
Renewable Energy Systems ~ Wind ~ Solar
Rapid Build Solutions ~ Design and Build Services
FIT & MicroFIT Systems ~ Solar Geothermal Systems
Windows ~ Doors ~ Solar Hot Water Heating

An Affiliate of

