



**YOUR LOCAL
LAKE OF THE PRAIRIES
GEOTHERMAL
CONTRACTOR**



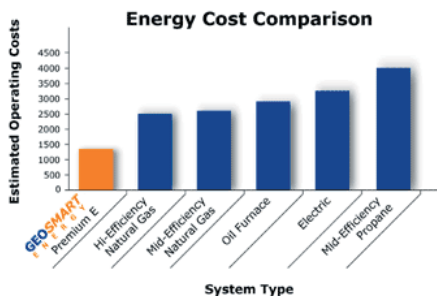
Geothermal Specialist

“ Geothermal Dealer of the Year, Manitoba 2005 ”
 147 Main Street North, Russell, MB | 1-866-202-3531
 luc@bluemoongeothermal.com | www.bluemoongeothermal.com

Here are 3 reasons why Lake of the Prairies Homeowners are Choosing “GEO”...

>For Savings

Yes! Finally a cost effective, environmentally responsible way to condition any space is here. Due to the amazing efficiency of a GeoSmart Energy system, the energy savings realized by choosing our technology can be used to offset the capital cost associated with the installation of the equipment. How can you afford not to? A GeoSmart Energy system operates more efficiently than ordinary heating and air conditioning systems; 30 to 70 percent more efficiently, in most cases. For every unit of electricity the system uses, it provides four units of heating energy, giving a geothermal system a 400 percent efficiency rating, on average. These numbers can translate into real savings on your utility bills year-round.



>For Comfort

Since a GeoSmart Energy system uses the relatively stable temperature of the earth as an energy source, you're assured of constant, even winter heating and better humidity control in the summer. Due to the nature of geothermal technology, our systems move a higher volume of air through the home than a conventional system. Higher volume means that the warmth created by your new system will reach to the furthest ends of the house before the thermostat has been satisfied.

If you are building a new home and have decided on in-floor heating with forced air cooling, you will achieve the ultimate in space comfort. Our Premium EW Hydronic system will deliver all of the hot water required to keep your floors warm. Meanwhile your Premium E forced-air system will be simply filtering air keeping it fresh and clean, and providing space conditioning in the summer. This combination system is known as the perfect marriage of space heating and cooling. Whatever system you choose, you will experience comfort like never before.

>For Environment

Installing a GeoSmart Energy system in a typical home is the environmental equivalent of planting 750 trees or taking two cars off the road. That's because our systems don't burn fossil fuels, and they don't emit carbon dioxide, which has been associated with the greenhouse effect and global warming.

Ever heard of the one-tonne challenge? Have Blue Moon Water & Geothermal install a GeoSmart Energy system and you could meet the two-ton challenge! By using a GeoSmart Energy system in your home, you could reduce not only your GHG emissions but also other emissions that contribute to air pollution and smog, and contribute to crop damage. Your efforts to reduce GHGs will give us cleaner air and healthier communities.





Profile

Blue Moon Water & Geothermal, Russell opened in June 2002 with the addition of Geothermal Heat Pumps in the summer of 2003. Luc and Liane Huberdeau are the owners and operators of this growing business offering quality personal service. In 2003, Luc completed a technical and installation program for Geothermal, and Blue Moon Water Systems added Geothermal Heat Pumps to its line of products. Having installed many units to date and being awarded Geothermal Dealer of the year in Manitoba for 2005, Blue Moon Water & Geothermal can provide you with expert advise, impeccable installation, and unmatched service. If you've been thinking about changing your heating and cooling system, contact Blue Moon Water & Geothermal for an obligation free quote on a Geothermal system for your home!



Profile

GeoSmart Energy is home to over 40+ years of combined geothermal expertise. Our experience in the geothermal industry has taught us that system design and sizing coupled with training and quality product equals homeowner and contractor satisfaction. GeoSmart Energy's National Head Office and Resource Training facility is located in Cambridge Ontario, Southern Ontario's major transportation hub. Our head office houses close to 2000sqft of office space, a 1000sqft permanent training and testing facility, and 4000 square feet of warehouse space. The Distribution and Training Center is located a minute off North America's busiest Highway (401), is 35 minutes from Toronto's Pearson International Airport, less than a 3 hour drive from Michigan and only 1 hour from New York State. With a selection of hotels including the Holiday Inn across the street, our facility lends itself well to both local and out of town contractors attending training as well as other customers who want to get a better look at our technology.

GeoSmart Energy's equipment is manufactured by WFI Industries in Fort Wayne, Indiana. We offer a full line of R-410A Forced-Air units and an industry leading R410-A Hydronic Series that is specifically design for infloor and radiant heating. For more information visit the products section at www.geosmartenergy.com.

GEOTHERMAL LOOP TYPES

Blue Moon Water & Geothermal is trained to determine the best type of earth loop to use in any situation. The type of loop used is based on available land space and installation costs for specific areas.



HORIZONTAL LOOPS

Used where adequate land space is available, horizontal loops involve one or more trenches that are dug using a backhoe or excavator. High Density Green Geothermal Pipe is inserted, and the trenches are back-filled. Each trench ranges in length up to 300'.



VERTICAL LOOPS

Vertical loops are used when space is limited. Holes are bored using a drilling rig, and a pair of High Density Green Geothermal Pipes with special u-bend fittings is inserted into the holes. A typical home requires three to five bores with 10' between each hole.



LAKE/POND LOOPS

Lake/Pond Loops are a great choice if an adequately sized body of water is close to your home. This is an affordable alternative as excavation costs can be virtually eliminated. A 1/2-acre, 8-foot-deep pond is usually sufficient for the average home.



OPEN LOOPS

An open loop is used where there is an abundant supply of quality well water. The well must have enough capacity to provide adequate flow for both domestic use and the GeoSmart Energy unit. Discharge water should be sent directly to a second recharge well.

Blue Moon Water & Geothermal | Geothermal Specialist
 147 Main Street North, Russell, MB | 1-866-202-3531
luc@bluemoongeothermal.com | www.bluemoongeothermal.com