

Save up to **80%** on your heating bills

GeoExchange gives you dramatic reductions in energy use for heating, cooling and hot water — savings of 60% to 80%!

This means the higher initial costs of GeoExchange systems are offset immediately by lower utility bills.

The simple payback on a GeoExchange system in an average home ranges from six to twelve years. If energy prices continue to rise, which is the forecast, payback periods will be even shorter.

Our Company

We combine over 20 years of experience in renewable energy technology, including Geothermal / GeoExchange heating and cooling, Air Source heat pumps, and Solar Thermal systems.

On every project, we apply diligent design practices, the best quality materials, attentive service and friendly staff to ensure that our systems perform optimally and our installations run smoothly.

With exchangenergy, your investment in renewable energy systems is secure. We provide:

- **Certified Canadian GeoExchange Coalition designers & installers**
- **Sustainable building advisors**
- **In-house engineering**
- **Approved dealers for premium ground & air source heat pumps**
- **TECA members**

Call us for a quote!



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Can you spot the difference?

Annual heating bill:

\$6,300 **\$2,300**



The home on the right uses
GeoExchange

5 more great reasons to go Geo

Increased property values

Studies show that properties gain \$20,000 in value for every \$1,000 reduction in annual operating costs. So, the value increase in our 3,000 sq ft example immediately covers the cost of installing a GeoExchange system.

High performance GeoExchange is 300-500% efficient, providing 3-5x more heat energy than it requires to run. Georexchange has been identified as the most efficient and cost effective heating method by both NRCan and the US EPA.

Energy security GeoExchange systems use the energy stored in the earth, *energy you already own*, which means you can ignore the bad news about increasing energy costs.

Government rebates Through the LiveSmart BC program, rebates are available for Air source heat pump, GeoExchange and Energy Star Gas furnace systems.

Easy on the environment

A GeoExchange system in a typical 3,000 sq ft home removes about 6 tonnes of greenhouse gas emissions from the atmosphere – equivalent to planting an acre of trees each year the system is operated – or taking a midsize car off the road!

“exchangenergy did the total installation of our Ocean Loop geothermal system... We are now reaping the benefits of geothermal technology with every monthly utility bill... **a reduction of 60% for all bills and our conservative estimate of the actual heating component is 80% LESS than traditional sources of heat.** In addition... the heat produced is much more pleasant and unobtrusive than any other form of heat we have used. We would recommend the geothermal option to anyone [and] highly recommend... ‘exchangenergy’ as your preferred contractor.”

— Tony and Doreen Shaw

Heating/cooling system:	Hi-efficiency Gas	Air Source	Geo Exchange
3,000 sq ft home			
Initial cost	\$9,000	\$14,000	\$25,000
Annual operating cost	\$1,900	\$1,000	\$700
GHG Emissions	6 - 8 Tonnes	0	0
5,000 sq ft home			
Initial cost	\$14,000	\$16,000	\$48,000
Annual operating cost	\$3,200	\$1,700	\$1,200
GHG Emissions	10 - 12 Tonnes	1.2 Tonnes	0.8 Tonnes
10,000 sq ft home			
Initial cost	\$28,000	\$30,000	\$86,000
Annual operating cost	\$6,300	\$3,400	\$2,300
GHG Emissions	20 - 24 Tonnes	2.4 Tonnes	1.6 Tonnes

Note: prices are averages based on industry standards on entry level systems with forced air only. Prices are not binding and can change without notice.

Finance your installation

Financing Geo installations can be arranged through a number of lenders including:

Toronto Dominion's Renewable Energy Loans program which allows you to amortize a fixed rate loan for up to 15 years.

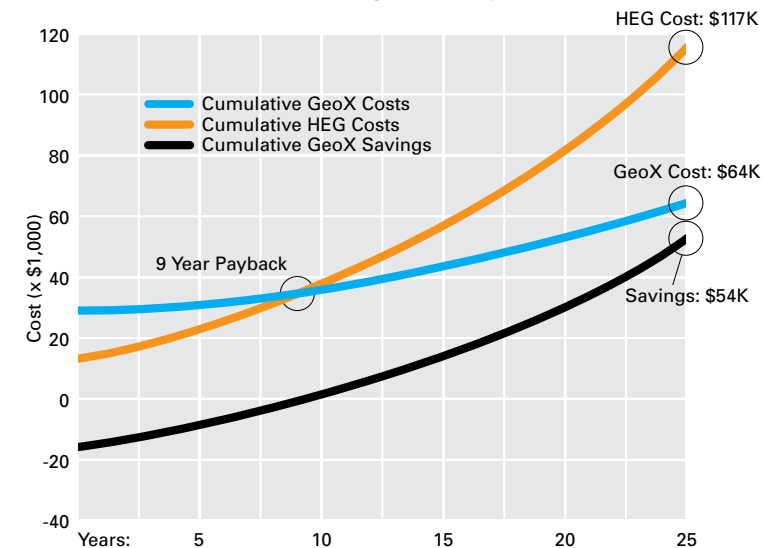
Vancity's Bright Ideas Loan works in unison with the ecoEnergy Retrofit program and provides personal loans at prime+1% for up to ten years. Borrow as little as \$3,500 or as much as \$20,000.

C.C.E.C. Credit Union is participating in the Climate Smart initiative to help community groups and members lower their carbon footprint.

Ask us for details on available financing options.

25 Year life cycle analysis: 3,000 sq ft home in BC

Capital cost plus cumulative operating costs
Vertical Borehole GeoX vs High Efficiency Gas (HEG)



Note: Annual GeoX cost assumes 2% annual cost increase for electricity. Annual Gas cost assumes 6% annual cost increase. GeoX maintenance costs are substantially less than conventional systems, but maintenance costs are not considered in this payback analysis.