



ENERGY YOU CAN COUNT ON

Geo-exchange solutions as dependable as your care

Erda delivers energy solutions that cost less and reduce your carbon impact.

Your HealthCare environment can be as complex as your clients, and nothing is more important than providing a continuity of care. That's why Erda Energy has developed reliable solutions to provide consistent services to any-sized HealthCare provider, from hospitals to rehabilitation centers and retirement facilities. The more complex your organization is, the more Erda can scale and integrate differing energy usages into a smart system to capture wasted energy and make it work for you.

We believe that harnessing the power of the earth can deliver smart, clean, dependable energy that makes sense in serving your immediate needs as well as a long term investment to complement your existing energy model.

The earth is an intrinsically stable renewable energy source that is always 'on'. Make it the center of your energy plan with Erda.

HOW IT WORKS

Our innovative technology harnesses the natural energy of the earth. Using patented directional borehole arrays that use the ground like a battery, we actively manage otherwise wasted energy resources and put them to work where and when you need them. What makes us different is that our installations are not only smarter and perform better than traditional arrays, we integrate them into a suite of technological innovations that magnify the effect and consider the energy requirements of your entire operation.

POWERED BY:



We think of these technologies as powering the energy solution that will work best for you. In the healthcare business, you face a set of particular challenges that needs a system that can turn those obstacles into opportunities. Erda | smart looks at the strengths and weaknesses of multiple energy sources that are part of your energy infrastructure, and compensates in real time to maximise output.

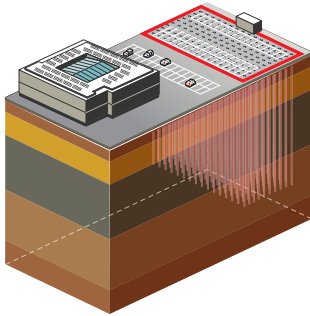
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ERDA IS UNIQUE

With our more efficient design and ingenious arrays, our surface footprint is up to 10 times smaller and delivers better results than conventional geo-thermal arrays.

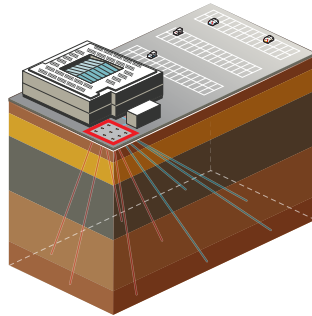
OLD ARRAY

Vertical drilling means diminished efficiency due to heat pollution and a giant footprint.



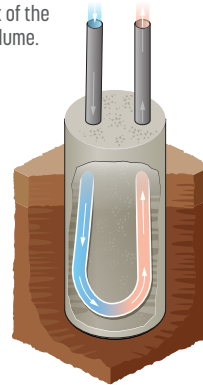
SMARTER WAY

Angled boreholes means efficient heat exchange and a tiny footprint.



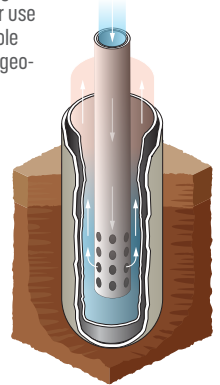
TRADITIONAL U-TUBE DESIGN

Thermal grout back-fills the bulk of the borehole volume.



ERDA | DEEP COAXIAL DESIGN

Smarter design makes better use of the borehole for optimum geo-exchange.



PROVEN IMPACT

We look at our impact through the lens of energy, carbon footprint and cost.

81%
LESS
ENERGY*

67%
CARBON
FOOTPRINT
REDUCTION*

25%
AVERAGE
COST SAVINGS
VS. BASELINE

* Data was verified against a counter-factual UK gas boiler

CHANGING THE WAY WE USE ENERGY

Erda Energy is pioneering technology to reliably save energy, money, and reduce carbon impact. With the added urgency of a changing climate, the need for innovative solutions to our consumption challenges has never been greater.

Erda Energy's proven, patented technologies rely on simple concepts that stand the test of time. By creating agile deployment approaches and customized solutions, we defy the status quo.

With offices in the UK and US, Erda Energy is well positioned to understand the changing landscape of the global renewable energy market and maintain a leadership position in providing superior technology and support.

Imagine what we can do together.

GET IN TOUCH:

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