



# Geothermal energy is clean and renewable source of energy

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Geothermal power is "homegrown," offering a domestic source of reliable, renewable ...

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Find answers to the Geothermal Technologies Office's (GTO) most frequently asked questions and learn more about the use of geothermal energy.

Wells can be drilled into the earth to tap this energy. In the form of naturally occurring steam and hot water, geothermal energy can be drawn to the surface to generate electricity, heat and cool buildings, and serve other uses.

Learn more with our fact sheet:What is Geothermal Energy?

Several attributes make geothermal a beneficial source of energy, including:

Learn more on our Geothermal Basics page and check out our GeoVision analysis.

In the United States, conventional hydrothermal resources--natural reservoirs of steam or hot water--are available primarily in the western states, Alaska, and Hawaii. However, geothermal energy can be tapped almost anywhere with geothermal heat pumps and direct-use applications. Enhanced geothermal systems (EGS), which can produce power wherever there is hot rock, will be increasingly deployed as the technology is further developed. EGS will also help expand geothermal heating and cooling nationwide.

Learn more about GTO's projects to advance geothermal technologies through theGeothermal Everywhere campaign.

Geothermal technologies offer many environmental benefits, including:

Learn more in the GeoVision analysis Supporting Task Force Report: Impacts.

Contact us for free full report



## **Geothermal energy is clean and renewable source of energy**

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