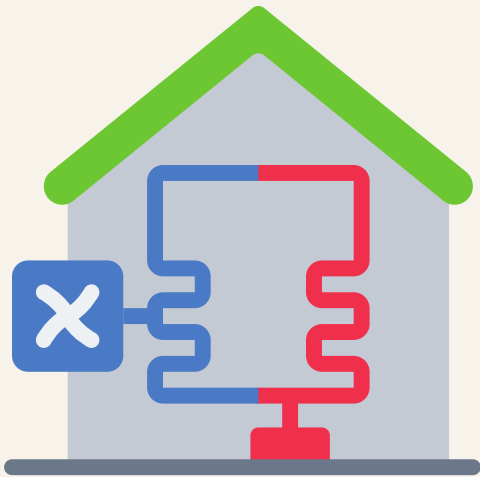


five uses of Geothermal Energy

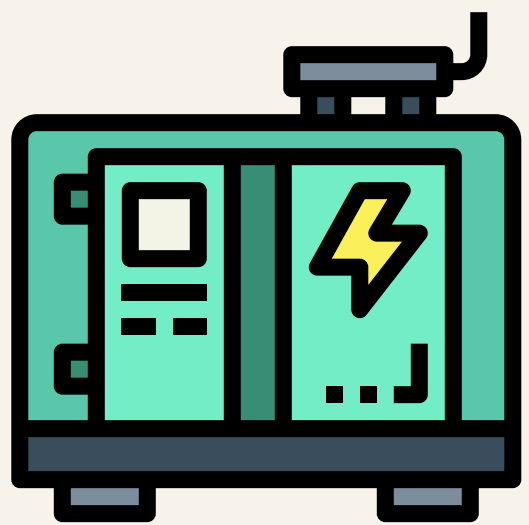


Heating Buildings

Heat pumps are used to transfer geothermal heat into the interior of buildings. Tubular coils can either be buried 2 meters deep over a large area, or a dual pipe can be bored up to 100 meters straight down.

Generate Electricity

Some generating plants pipe steam up from a few miles underground to drive electricity generating turbines directly. Others can use lower temperature water to reduce steam generating costs.



Bathing

Health spas make use of geothermal water heating for health-related 'cures', or detox vacations. Immersion in naturally heated mineral-rich water is considered good for the health.

Farming

Many countries use low-temperature geothermal energy to grow many plants that would otherwise be difficult in some seasons. For example, citrus fruits.



De-frosting

Geothermal resources can be used to keep important roads and cycle-paths de-frosted, improving safety and ensuring the transport of vital products.