



Geothermal energy is heat that comes from inside the Earth. It is a renewable resource because heat is continuously produced inside the Earth's core through slow decay of radioactive particles.

GEO THERMAL IN UTAH

Utah is one of seven states with utility-scale electricity generation from geothermal sources, ranking

3rd

behind California and Nevada.



The total **UNDEVELOPED** geothermal resource potential in Utah is estimated at **49,400 MW.**

73 MW

Utah geothermal power plants have a capacity of 73 megawatts and generated 410 gigawatt hours in 2024, enough to power about 38,000 homes.

Utah has some of the best geothermal potential in the nation, and more geothermal projects are in development.

The FORGE project in southwestern Utah focuses on developing and testing Enhanced Geothermal Systems (EGS) technologies to unlock geothermal energy potential in areas without natural hydrothermal resources.

In 2023, three geothermal facilities in southwestern Utah provided about

8%

of the state's clean electricity generation.

Blundell Geothermal Plant was the first geothermal plant in the United States outside of California.

Utah has up to 49 GW of geothermal potential according to Utah Geological Survey.



Blundell Geothermal Plant near Milford, Utah



Our partner agency, the Utah Division of Water Rights, is responsible for regulating, permitting, and monitoring all geothermal activities in Utah. Led by the State Engineer, the division manages all administrative tasks related to geothermal energy used for building heating/cooling, direct use, and electricity generation.