



## GEOTHERMAL

# Geothermal Maps

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The Geothermal Technologies Office (GTO) carries out R&D and demonstration efforts to deploy 12 GWe of clean geothermal energy by 2020 and expand geothermal into new U.S. regions.


Locating and developing resources is an important part of that mission. GTO works with national laboratories to develop maps and data that identify renewable, geothermal resources, possible locations for implementation of various geothermal technologies, and actual and potential geothermal power generation sites.

The maps below were developed by National Laboratories, universities and other organizations.

## MAPS BY ENERGY TYPE OR MEASUREMENT

- [Direct-use projects](#) in the United States - Geo-Heat Center, Oregon Institute of Technology



 Resource potential for United States, including identified hydrothermal sites and favorability of deep enhanced geothermal systems (EGS), produced by National Renewable Energy Laboratory in conjunction with GTO.

- [Resource Potential, Power Generation, and Power Plant Maps](#) – National Renewable Energy Laboratory in conjunction with GTO
- [Temperature and depth of U.S. geothermal resources](#) – Google.org, using Google Earth
- [Thermal springs](#) in the United States – NOAA National Geophysical Data Center

## MAPS BY LOCATION

### U.S. and North America

- [Resource Potential, Power Generation, and Power Plant Maps](#) – National Renewable Energy Laboratory in conjunction with GTO
- [National Geologic Map Database](#) – U.S. Geological Survey
- [U.S. geothermal resources by state](#) – Google.org, using Google Earth
- [North America geothermal map, 2004](#), with contours and industry and research data – Southern Methodist University

### States and Regions

- [California oil, gas and geothermal fields](#) – State of California Department of Conservation
- [Great Basin interactive maps](#) – Nevada Bureau of Mines and Geology, University of Nevada, Reno
- [Oregon geothermal information layer map](#) – Oregon Department of Geology and Mineral Industries
- Geothermal resources on [Tribal Lands](#) – National Renewable Energy Laboratory and GTO

### Global

- Global geothermal energy in [gigawatt hours by country](#) – Geothermal Education Office

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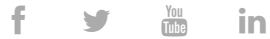
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