



THE GEYSERS: NORTH AMERICA'S LARGEST GEOTHERMAL OPERATION

THE GEYSERS BY THE NUMBERS

The Geysers Geothermal Field 2025 Statistics

Calpine's Geothermal Operations in Northern California

The Geysers, spanning nearly 45 square miles along the Sonoma and Lake County border, is the largest complex of geothermal power plants in the world. Today, Calpine, a business unit of Constellation (Nasdaq: CEG), the largest geothermal power producer in the U.S., owns and operates 13 geothermal power plants with a net generating capacity of up to 725 megawatts of electricity - enough to power 725,000 homes and businesses

- **Calpine's Lake County power plants:** Calistoga U-19, Big Geysers U-13, Quicksilver U-16
- **Calpine's Sonoma County power plants:** Aidlin U-1, McCabe U-5/6, Ridge Line U-7/8, Eagle Rock U-11, Cobb Creek U-12, Lake View U-17, Sulphur Springs U-14, Sonoma U-3, Grant U-20, Socrates U-18

Calpine's Geothermal Operations:

- 28,447 acres, nearly 45 square miles
- Located 75 miles north of San Francisco in the Mayacamas Mountain Range
- 13 Operating Geothermal Power Plants
- 10 Power Plants in Sonoma County; 3 Power Plants in Lake County
- Steam Pipelines = 92.2 miles
- Injection Waterlines = 72 miles
- 21kV Power Lines = 75 miles
- Project Roads = Over 171 miles

Geothermal Wells:

- Calpine Active Steam Wells: 316
- Calpine Active Injection Wells: 57
- Average Well Depth: 8,500 ft
- Deepest Well: 12,900 ft
- Total Calpine Geysers wells drilled to date: 625
- Today's average grassroots drilling time: 77 days (65 days drilling + 7 days rig up/down)
- 2025 Average Steam Production Per Well: 36,083 Pounds Per Hour
- Flow Weighted Average Well Head Temperature: 366.6 Deg F
- Flow Weighted Average Well Head Pressure: 81.1 psig
- Most Recent Steam Well Drilled: Prati State 66 completed on January 7, 2025
- Most Recent Injection Well Drilled: GDC36 completed on January 30, 2024

Power Generation:

- 1920: First Exploratory Well Drilled
- 1955: First Modern Well Drilled, in production today
- 1960: The first large-scale geothermal power plant in the U.S. began operations at The Geysers
- 2025: The Geysers celebrated 65 years of geothermal operations



Calpine LLC is America's largest generator of electricity from natural gas and geothermal resources, operating 80 facilities with more than 27,000 megawatts of generation capacity. Through wholesale power operations and our retail businesses, we serve customers in 22 states and Canada. The Geysers, a wholly owned indirect subsidiary of Calpine, is the world's largest geothermal electrical operation, supplying renewable baseload energy to California every hour of every day. Calpine is a business unit of Constellation (Nasdaq: CEG). If you would like to learn more about Calpine, follow us: [Linkedin.com/company/Calpine](https://www.linkedin.com/company/Calpine).

www.geysers.com



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To Kelseyville



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