

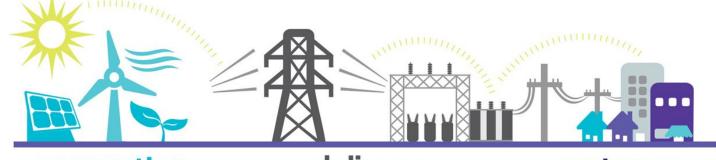
GeoZone



Sonoma Clean Power

Community-owned electricity provider for Sonoma and Mendocino Counties.

Purpose is to accelerate solutions to the climate crisis.



generation SCP

buys cleaner energy sources, provides programs

delivery PG&E

delivers energy, maintains the grid, provides bill

customer YOU

cleaner energy, local control and competitive rates





Exporting Our Impact & Our Dollars

Sonoma and Mendocino Counties rely heavily on electricity from natural gas-fired power plants in the Los Angeles area that fuel climate change, pollute local communities, and are increasingly expensive to maintain.



Challenge

Providing clean, reliable, affordable energy at all hours of the day – even when the sun isn't shining, the wind isn't blowing, and batteries are empty.



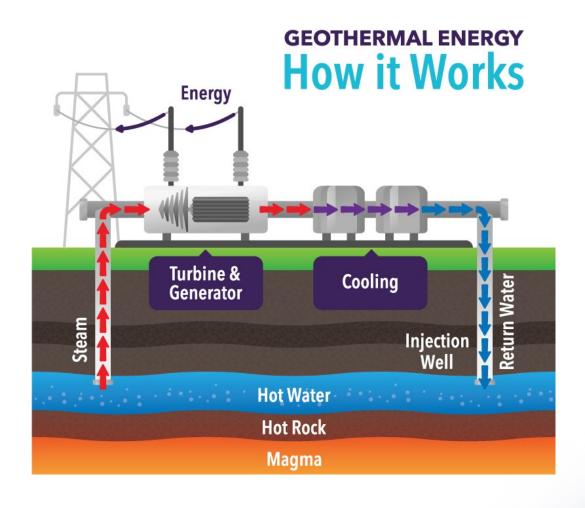


Opportunity

Cut ties with polluting natural gas plants and **build local clean energy** here in Sonoma and Mendocino Counties to:

- Secure affordable, long-term energy supplies for our customers.
- Improve our electric reliability.
- Fight the climate crisis and innovate new geothermal technologies.
- Create good-paying, highly skilled jobs.

Geothermal Power



New technologies have enabled advanced geothermal energy that uses less water and land than conventional methods as well as providing a more flexible output and operating in a wider range of locations.

endocino Mendocino County isting Geysers Field Sonoma County Sonoma-Mendocino GeoZone Geothermal Opportunity Zone Early Interest Area Existing Geysers Field National Transmission Lines Marine Sanctuary Cordell

GeoZone Vision Statement

Secure 600 MW of new affordable, reliable clean energy for Sonoma and Mendocino County customers while helping fight global climate change and creating meaningful jobs by supporting new energy technologies.



GeoZone Partners









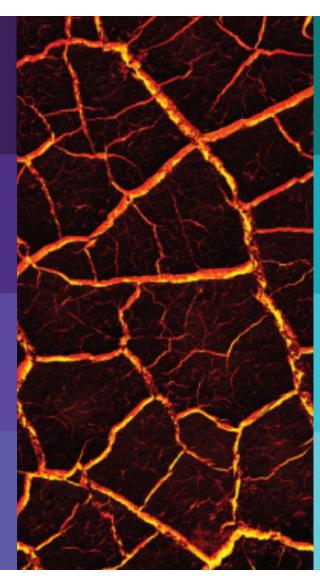
Next-Generation Geothermal Energy

Power during extreme weather events

Reliable, around-the-clock renewable energy

Local source of electricity

Uses less land than other renewable energy, like solar and wind power



Creates large number of good-paying, highly skilled local jobs

High initial investment needed

Certain technologies may require seismic safety protocols

Uses less water than conventional geothermal, biomass, and many other power sources



Next-Generation Geothermal Technologies

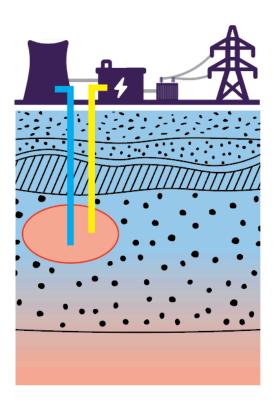
Conventional

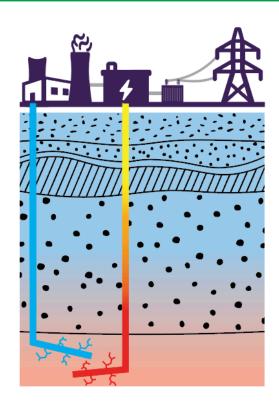
Next-Generation

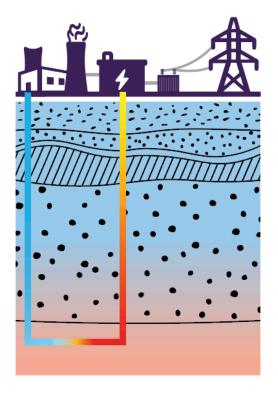
HYDROTHERMAL

ENHANCED GEOTHERMAL SYSTEM (EGS)

CLOSED LOOP
GEOTHERMAL SYSTEMS











GeoZone Recent History Timeline

Oct 2021

SCP Board of Directors created the GeoZone

Jan 2022

Mendocino and Sonoma Counties joined GeoZone

Apr 2022

Created webpage: sonomacleanpower.org/geozone

Jun 2022

Labor, environmental and health stakeholder vetting of private partners

Mar 2023

GeoZone Cooperation Agreements approved by SCP Board of Directors

GeoZone Initiative Progression

- Public Outreach Started
- ☐ Site acquisition / leasing
- ☐ Calibration well permitting public environmental review process
- ☐ Grid interconnection applications
- Exploration/calibration well drilling
- ☐ Pilot project permitting public environmental review process
- ☐ Pilot project construction up to 20 MW each
- ☐ Scale-up permitting public environmental review process

What We've Heard

Big projects impact local communities, but those communities don't always reap the benefits

Dollars spent by Sonoma and Mendocino County ratepayers should stay in the community

Eliminating reliance on toxic natural gas power plants is a priority

Energy costs are already too high – we need alternatives to high-cost solutions

Local people should have access to 100% renewable power at all times of day



Thank you!



