

GEOTHERMAL CAPITAL OF THE USA!

The City of Boise is warmed by the nation's largest geothermal heating system. Starting with 15 buildings in 1983, today about 90 buildings and over 6 million square feet of indoor space are warmed by the geothermal aquifer below the city.

CLEAN ENERGY FOR THE FUTURE.

Clean, local, 100% renewable geothermal energy is helping Boise achieve its climate action goals:

- **2030** | 100% clean energy for City of Boise government facilities
- **2035** | 100% carbon neutral for City of Boise government facilities and operations
- **2050** | Carbon neutral Boise community

HOW DOES IT WORK?

Natural hot water is pumped from three wells in the Boise Foothills, about one mile northeast of City Hall.



Rain and snow falls onto the Boise Mountains and is absorbed into the ground.



Groundwater is heated by granitic rocks deep below the surface.



The 177°F water is drawn up through 800 foot-deep wells in the Boise Foothills.



Hot water flows through underground pipes to heat buildings, warm pools and domestic water, and melt sidewalk snow.



The water is injected back into the aquifer making this resource sustainable to the core.



WALKING TOUR



Buildings on the City of Boise's geothermal system bear this plaque. Start at the geothermal plaque next to the Capitol Blvd entrance to City Hall.

Explore this one mile route to find the geothermal plaques.

The Grove Plaz

Plaque designed by Boise artist Ward Hooper.



One of the original buildings connected to the new City of Boise geothermal utility in 1983.



IDAHO STATE CAPITOL 700 W. JEFFERSON ST

The only state capitol in the USA heated by geothermal, on a system operated by the State of Idaho.



BANNER BANK 950 W. BANNOCK ST

One of the world's only LEED Platinum-rated office buildings, warmed by geothermal since 2005.



JUMP 1000 W. MYRTLE ST

JUMP and the Simplot World Headquarters connected to geothermal in 2005.



Since 2017, the hotel has used geothermal to warm rooms, heat domestic water and melt snow from sidewalks.



CITY OF BOISE GEOTHERMAL INJECTION WELL

In this modest building, 100% of the water is returned to the aquifer, making the system fully sustainable for generations to come.