

NCW Geothermal Potential



STUDY UNDERWAY

RESEARCHING THE POTENTIAL:

Chelan, Douglas and Grant PUDs started a \$22 million joint research project to study if geothermal is feasible and practical in the three-county area. The research includes geophysical surveys and below ground research to study temperature changes with depth, rock type, structural geology

BY THE NUMBERS

3
public
utilities
sharing the
work

\$22M
estimated
total for
study
phases 1-3

1/3
paid by
each PUD,
up to about
\$7.34M

HOW IT WORKS: Geothermal energy is produced when water, heated by the earth, is brought to the surface. The water is converted to steam and run through a steam turbine, which generates electricity. Engineered geothermal systems create an underground heat exchanger.

WHY STUDY IT:

24/7 **Reliable:** Flexible, 24/7 availability, and renewable

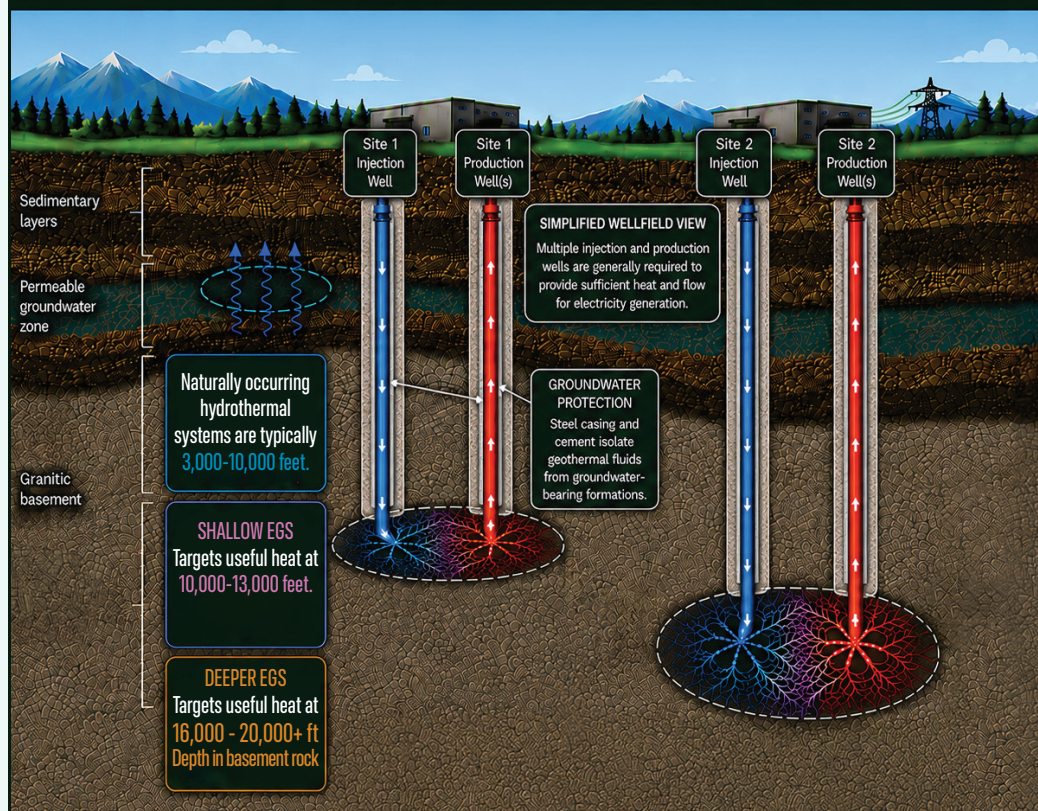
+ **Local benefits:** Job creation, relatively small surface footprint

\$ **Sharing costs:** Working together gives the PUDs better data at a lower cost

STUDY FIRST. DECIDE LATER:

No power plant has been approved. The goal of exploration is to understand the opportunities and risks before decisions are made.

ENHANCED GEOTHERMAL SYSTEMS (EGS)



WORKING TOGETHER:

Chelan County PUD | Douglas County PUD | Grant County PUD

Updated July 2026. Sources: official PUD news releases and board records; U.S. Department of Energy information on enhanced geothermal systems. Diagram concept adapted from DOE educational graphics.



Scan for more information