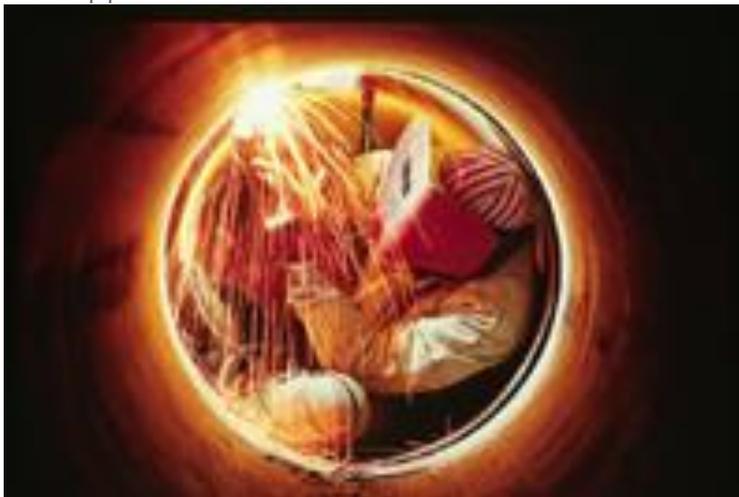


Geysers Recharge Project- Facts and Stats

- The total power-generating capacity of The Geysers steamfield is more than 1,000 megawatts.
- The 12.62 million gallons of recycled water pumped each day is equivalent to 39 acre-feet, or enough water to cover 39 acres one foot deep. Before the Geysers Recharge Project, this treated water would have been discharged into the Russian River.
- About 100 megawatts of additional power is generated each day by the Geysers Recharge Project.
- The increased water flow generates power for about 100,000 households.
- At residential power rates, it would cost \$9.5 million per year to pump the water from Alexander Valley up 3,000 vertical feet to the terminal tank. About 9 megawatts of the power generated is used to pump the water to the steamfields.
- It takes about 33 hours for the water to travel from the Laguna Treatment Plant to The Geysers steamfield.
- If the Llano pumps are shut off suddenly, it will take 1.5 minutes to feel the pressure wave (a surge of water pressure) at Bear Canyon, which is about 30 miles away.
- Discharge surge tanks are used to protect the pipeline from water pressure waves. When empty, each discharge surge tank at the mountain pump stations weighs 20 tons. When empty, the Llano pump station discharge surge tank weighs 42 tons.
- The highest engineered pressure in the system, 740 psi, is at the discharge side of the north pump stations. That pressure is 700 psi higher than household water pressure and is equivalent to being under 1,658 feet of sea water.
- There is a 70-percent chance that a magnitude 7.0 or greater earthquake could occur along the Rodgers Creek/Hayward fault over the next 30 years. A quake of 5.5 or greater will cause eight automatic isolation valves to close to prevent flooding in the unlikely occurrence of a pipeline rupture.
- Each of the eight 48-inch automatic isolation valves that are in the pipeline weighs 15 tons.
- The pipeline consists of 6,400 pieces that were connected mostly with welded joints.
- The pipe is in two sizes: 48-inch diameter pipeline runs 30.4 miles, from the treatment plant to Alexander Valley; 30-inch diameter pipeline runs 9.3 miles from Alexander Valley to the terminal tank. The full length of the pipeline is 39.7 miles.



- Though a total of approximately 735 people worked on the Geysers Recharge Project construction, it takes only a crew of seven to operate the project on a daily basis.
- Construction affected (passed through or near) approximately 624 parcels; 200 property owners provided right-of-way for the project to cross their parcels.
- Construction started on the Llano-Mark West section in July 2000; the final tie-in on Pine Flat Road was completed in July 2003. Water first reached the Terminal Tank in October 2003.