

Position Title

Geysers Process Engineering Intern

URL Link for students to apply:

https://rn11.ultipro.com/CAL1005/jobboard/NewCandidateExt.aspx?_JobID=1872&_jbsrc=

Position Description

The Geysers is the largest complex of geothermal power plants in the world. Calpine is the largest geothermal power producer in the US and one of the most reliable energy sources in California accounting for one fourth of the green power produced in California. See www.geysers.com for more information regarding Calpine.

The Geysers Process Engineering Intern will assist the Process Engineering Group with ongoing monitoring, evaluation and optimization of corrosion mitigation and steam scrubbing systems to achieve required steam purity at The Geysers.

The Process Engineering Intern will gain hands on experience in ongoing engineering projects including 1. Steam scrubbing efficiency testing and optimization of desuperheat systems. 2. Evaluation of steam line corrosion inhibitor performance and implementation at other locations. 3. Pipeline material balances to track transport and removal of steam impurities. The remainder of intern time will be utilized in assisting Tech Services personnel in other tasks including correlations of chemical species in steam and data entry.

Required skills and experience

Candidate should have completed coursework in their junior year in engineering science, including chemical engineering coursework in Chemical Process Analysis, Transport Phenomena, Unit Operations and Unit Operations Lab, and chemistry coursework in General Chemistry with lab, and Quantitative Analysis with lab. Candidate should be familiar with Microsoft Office Tools software (Word, Excel, Outlook, PowerPoint), willing to work as a team member with good writing and communication skills. Intern must hold a valid driver's license, and have the ability to drive mountainous roads. Work environment includes office and laboratory settings as well as outdoors in an industrial/power plant setting.

This job will be based at The Geysers power plant near Middletown, California.
Work schedule 4X10 (Monday – Thursday)

Calpine is an Equal Opportunity/Affirmative Action Employer