**Position Title**

Intern Power Ops – Geysers Template

**Position Description**

This supervised position will allow for a geosciences student who is interested in a career in the power industry to apply and enhance their knowledge with regard to all aspects of the Geysers power plant and its resource-related operations. This position will require the individual to work a normal day shift. Limited overtime work (nights and weekends) may be required. This job will be based at the Geysers power plant located at 10350 Socrates Mine Road, Middletown, CA 95461.

The 2020 summer intern project will be to digitize hardcopy, legacy information and data, to make them accessible Calpine staff for on-going and future projects. The intern will also be tasked to obtain digital data from various sources and consolidate them in a geodatabase.

Essential Duties and Responsibilities will include some or all of the following:

- The Geysers Geoscience Intern will assist the Resource Group by creating ArcGIS maps from legacy hard copy data;
- Digitizing selected well information now available in only hard copy form; and
- GIS information usable on tablets in the Geysers steam field. The selected Geoscience intern will benefit from exposure to the operations of a well-established geothermal energy producer and familiarization with tablet software throughout the 35 square mile area of The Geysers geothermal

The above statements reflect the general details considered necessary to describe the essential functions of the job and are not to be construed as a detailed description of all the work requirements that may be inherent in the position.

**Required skills and experience**

The candidate should have completed a Bachelor of Science degree in geoscience with course work in structural geology and field geology. The ideal candidate would be working on an advanced degree with a defined interest in subsurface reservoir characterization and detailed field mapping experience over a large area. Demonstrated experience with digital geologic map making and a strong structural geology background are required.

The candidate should be familiar with Microsoft Office software (Word, Excel, Outlook, and PowerPoint) and digital mapping software. Knowledge of ArcGIS and AutoCAD is a plus. The intern must hold a valid driver’s license, have the ability to drive mountainous roads and walk in steep terrain with hot summer temperatures.

Work environment includes office setting as well as hiking in a rugged field setting with electrical power plants, pipelines, and wells.

Calpine is an Equal Opportunity/Affirmative Action Employer

To apply, please go to the following link: