

## **Fervo Energy Roles: Geothermal Facilities Engineer**

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Decarbonizing the energy sector is an urgent challenge, and geothermal energy is poised to play a central role. We are expanding our team to help make this vision a reality. Fervo Energy has developed technology to make geothermal power scalable and cost-effective. Join us and work alongside world-class engineers, researchers, investors, and developers in making geothermal a key pillar of our climate-friendly energy future.

### Position Description

The **Geothermal Facilities Engineer** will lead the design, development, and construction of surface facilities and transmission interconnections across Fervo's portfolio of geothermal energy developments. This person will be responsible for project initiation, assessment, and scoping, budget estimation, execution planning, scheduling, cost monitoring, and construction oversight. The Geothermal Facilities Engineer will report to the Director of Surface Facilities.

### Responsibilities

- Utilizing project management principles, knowledge, and experience to manage full life cycle of surface facilities at Fervo's existing and proposed project sites
- Executing design, specification, and construction management of Organic Rankine Cycle geothermal power plant facilities, existing production facility upgrades, pipelines, gathering systems, and transmission interconnection buildouts
- Developing preliminary, and eventually honing, budgetary estimates and schedules for active and prospective projects
- Engaging and maintaining relationships with major equipment suppliers to optimize facility design
- Acting as the primary technical lead during negotiations of major surface facility equipment supply contracts
- Collaborating across technical and commercial teams to successfully deliver projects on time and on budget
- Identifying continuous improvement opportunities and executing ongoing continuous improvement measures
- Analyzing transmission system operations data, tariffs, systems, and acting as in-house expert on project transmission interconnection elements
- Coordinating and leading transmission interconnection consultants

### Required Qualifications

- 5 to 10 years of facilities engineering experience
- Bachelor's degree in engineering or another related field
- Experience with power facility construction management; pipeline and gathering facility design
- Experience with utility interconnection processes and procedures; identification and evaluation of new technologies and their incorporation into facility projects
- Proficiency working with project management and scheduling software
- Effective written and verbal presentation and communication skills
- Ability to lead engineering efforts and work effectively in cross-functional teams
- Ability to stay organized while managing multiple projects at different stages of development
- Legally authorized to work in the United States without employer-sponsored work authorization



### Preferred Qualifications

- Geothermal facilities and transmission interconnection experience
- Expertise with a wide range of renewable energy types
- Familiarity with subsurface science and drilling
- Trained in/ experienced in process improvement methodologies (e.g. Lean Six Sigma, Agile)

### Location

Fervo Energy is headquartered in Houston, TX with growing offices in Golden, Oakland, and Reno. This position will be eligible for some hybrid work flexibility, but regular in-office presence at a Fervo office location will be required. Some travel is required for this position.

### About Fervo Energy

Fervo Energy commercializes technology to own, develop, and operate geothermal assets as the dispatchable foundation to a 100% clean energy future. As a 24/7, reliable clean energy resource, geothermal energy has a major role to play in the future electric grid and Fervo Energy's key innovations bring a full suite of modern technology to make geothermal cost competitive. Fervo's innovations include technologies such as advanced computational models, horizontal drilling, and distributed fiber optic sensing that we have developed with partners including Schlumberger, ARPA-E, and the Lawrence Berkeley National Lab. Fervo is supported through Cyclotron Road, the Department of Energy, Stanford University, and Breakthrough Energy Ventures.

Fervo Energy is an Equal Opportunity Employer and does not discriminate on the basis of race, color, creed, gender, religion, marital status, registered domestic partner status, age, national origin, ancestry, physical or mental disability, medical condition, sex, genetic information, sexual orientation, military and veteran status or any other consideration made unlawful by federal, state, or local laws. It also prohibits unlawful discrimination based on the perception that anyone has any of those characteristics or is associated with a person who has or is perceived as having any of those characteristics.