Cyrq Energy - Who We Are and What We Need
Cyrq Energy focuses on renewable geothermal energy, capturing the energy embedded in hot water and steam located below the earth's surface, using that heat energy to generate electricity and returning the water to underground wells to be reheated and used again. We're doing our part to transition the grid from relying on hydrocarbon-based energy to a clean, green energy future. And we expect to grow significantly over the next 10 years.

We are looking to expand our team and are seeking a Resource Engineer to join our team in SLC, Utah or Reno, Nevada. The Resource Engineer is expected to monitor performance, produce and manage various models and assessments for Cyrq's geothermal power plants with the goal of optimizing performance and long-term viability. The engineering work may include reservoir models, wellbore models, process models, pump analysis, pressure transient analysis, etc.

Contribute technical expertise of Geothermal Resource analysis and modelling to the Resource, Engineering and Operations teams for effective utilization and life extension of each geothermal resource. The focus for this position will include:

- proactively seeking geothermal field improvements; communicate to the team and to management
- coordinating and preparing monthly reservoir performance updates
- close tracking of wellfield and generation KPIs
- preparing and updating resource deliverability and generation forecasts
- coordinating communication between resource staff and plant operations
- understanding well operations and production concepts
- building, updating and maintaining reservoir models under the supervision of the Company's Director of Reservoir Engineering
- well inflow diagnosis and wellbore modeling
- designing, performance monitoring and optimizing production pumps for improved well inflow performance
- analyzing performance of production and injection wells, proposing remedial action or replacement as necessary
- designing, planning and overseeing well tests, analyzing and interpreting well logs
- peer reviewing other engineers work and concluding on final interpretations and reporting

QUALIFICATIONS
MINIMUM EDUCATION REQUIREMENTS:

- Bachelor of Science in Engineering(Petroleum, Mechanical, or similar). Would consider Geoscience disciplines with appropriate experience and training
- An understanding of numerical methods as applied to fluid flow in porous and fractured reservoirs
- An advanced degree in a related technical discipline or in resource management preferred

EXPERIENCE & QUALIFICATIONS:

- 1-5 years of experience working in the geothermal industry, or a background in assessment, drilling and operations of underground reservoirs (water, petroleum, hydrocarbons, etc.) is highly desired
- Knowledge of advanced data analytics, geostatistical tools, reservoir simulation and subsurface mapping is highly desirable
- Working knowledge of advanced well production techniques, is desired
- Additional work experience with (ORC) geothermal power plants is preferred
- Proven resource modelling and analysis and field troubleshooting experience is a plus

Full job description and additional details available. Interested applicants can send a resume or request additional information at Deb.Siddoway@cyrqenergy.com.