

## **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 Director of Engineer to join our team in SLC, Utah. The Director of Engineer is expected to drive improved business results by providing technical and engineering support to Cyrq's operations, partnering with both Resource and Plant Operations, and strong leadership the Engineering function and team. Key Roles and responsibilities included safety: evaluate and audit power plant, electrical, and pipeline systems to improve safeguards and processes for employees and equipment. Work closely with Safety and Operations Team to ensure Safety First culture.

Provide leadership for the Engineering Team, integrate with the Resource and Operations teams to identify highly impactful improvements and recommend solutions with best outcomes for Cyrq based on safety and cost benefit analysis. Empower engineers and develop future company leaders. Stay abreast of state-of-the-art technology, equipment and project management; provide thought leadership applicable to Cyrq. Network with consultants and vendors to leverage industry expertise.

Maximize electricity generation and reduce costs across all power plants. Contribute engineering expertise to operating teams, especially emphasizing a proactive approach. Team responsibilities include but not limited to the design, application, and inspection of existing assets; deployment of the right materials, sized equipment, operating parameters, life expectancy, life extension; and/or plant configurations; root cause analysis process, evaluation of design and future operating challenges associated with existing plants and potential acquisition targets, etc. Drive effective preventive maintenance, providing recommendations that minimize risk and shift to condition-based maintenance.

Be accountable for effective and timely decision-making using quality data and insight. Guide team to prioritize that timely data is available for analysis, tracking, managing, reporting and optimizing assets (below-ground / geothermal reservoirs and above-ground / power production facilities). Ensure data is analyzed to offer insights leading to effective decision making and results.

Partner to maximize the value of operating assets. Work cross-functionally and proactively to increase value; for example, partner with O&M teams for better outage planning and scheduling, leverage qualified contractors, develop component and system specifications, remove process bottlenecks, conduct outages with well-crafted plans, emphasize safety, environmental compliance, cost management, timeliness and high-quality work. Support financial management and reporting through management of plant generation models, preparation of annual budgets, long-range forecasts, CAPEX & OPEX projections, input for lender reports, AFE's, etc.

Mentor Engineering team, providing work and training opportunities for increased performance, career growth and succession management within the function. Delegation of projects should be prioritized over delegation of tasks to challenge employees and develop a team that is confident in communication even regarding challenging subjects.

### **Education and Experience:**

- A Bachelor's in Electrical, Mechanical or related Engineering degree, MS preferred
- Demonstrated experience in utility scale powerplants or other industrial setting, with a working knowledge of power systems, specifically generation, transmission, and distribution
- Experience with ORC geothermal electricity generation required, experience with Flash Steam geothermal electricity generation preferred
- Proven project development, acquisition analysis and field troubleshooting experience
- Prior experience leading a team of engineers as well as managing a group of contractors.
- Experience with electrical control, predictive based maintenance, and electrical operating principles

Full job description and additional details available. Interested applicants can send a resume or request additional information at [Deb.Siddoway@cyrqenergy.com](mailto:Deb.Siddoway@cyrqenergy.com).