

Energy Engineering Manager

Area

At Lithium Americas (LAC), we believe that the development and mining of mineral resources can – and should – be done sustainably. The world is in transition toward brighter means of energy use and transportation, where lithium is an enabling ingredient. We are thus on a mission to develop and deliver lithium to the world in the most sustainable ways possible.

It starts with finding and defining accessible, lithium-rich resources. Then, it is about demonstrating the technical viability, and economic attractiveness, of novel approaches for extracting lithium while safeguarding the environment. Our plan is to develop our assets, two lithium-bearing deposits in Argentina and Nevada, into executable, low-cost, environmentally-sustainable lithium production operations. This means pursuing approaches that are energy-efficient, carbon-neutral, conservation-grounded, and technology-based. We are looking for people, with ambition, energy and talent, to join our efforts.

Role

The Energy Engineering Manager will develop the strategy and lead the effort toward sustainable energy sourcing and/or generation for our lithium development projects. Focus will be on our Lithium Nevada project, a clay-based lithium resource with a process flowsheet that is under development. The role will be stationed in Reno, Nevada; other locations may be considered for the right candidate.

Responsibilities

As a member of the team, we would look to you for:

- Designing and developing the energy-sourcing interface for an in-development lithium production operation, focused on low-cost, carbon neutral operations.
- Growing and managing an energy production and usage portfolio, focused on sustainable energy sources such as solar, geothermal, wind, hydro, as well as advanced technology approaches to energy efficiency.
- Working with process engineers to identify and execute on ways to optimize energy and utilities footprints of the process plant.
- Technology scouting, evaluation, and contractor development.
- Negotiating contracts and develop relationships with utilities, service and equipment providers.
- Working closely with environmental coworkers and regulators to coordinate project execution efforts.
- Environmental permitting and general company strategy support.

- Building and developing a technical team of contractors and/or internal hires.
- Support the hiring of the wider engineering team.

Job qualifications

Required

- Minimum 4 years of experience in developing industrial energy efficiency and renewable deployment projects.
- Ability to quantify and analyze energy generation and consumption data, to determine the most cost-efficient and sustainable approaches to energy consumption and recovery.
- Experience with renewable energy projects and working with utilities.
- Project management and team-leading experience.
- University-level education in electrical, civil, environmental, energy, manufacturing engineering or similar.
- Ability to “think outside the box” and stretch yourself with ambitious, far-reaching goals.
- Strong communication and organizational skills, with the ability to bring out the best in others.

Preferred

- Consulting and/or financial modeling experience.
- Exposure to relevant work experience in Nevada a plus.
- Exposure to the mining and/or lithium processing sector a plus.
- Working knowledge of Spanish would be helpful, but is not required.

Please submit your resume, references, and a short note as to your motivations on why you’d like to pursue this role to: HR@lithiumamericas.com.

LAC is an equal opportunity employer. LAC is a Canadian listed public company with two advanced lithium development projects in Argentina and Nevada, USA.

Posted/updated: 2016-08-15