

Baseload Power Japan, Geothermal Project Engineering Manager

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Company name

Baseload Power Japan KK

Job description

Do you want to join a team that goes above and beyond to support Japan's green transition and create a planet in balance that runs on renewable energy?

We are now looking for a Geothermal Project Engineering Manager to join our team in Tokyo and if you are a plant engineer with a startup mindset who appreciates a modern and international work environment with a flat organization and great work/life balance then we think you will be a great fit for this role!

We welcome your application and will be interviewing continuously

Reporting to: Country Manager, Baseload Power Japan

Location: Based in Tokyo and will require 30% domestic travel (significant time will be spent in the field during project execution phase). Occasional international travel may also be required.

About us

Baseload Power Japan (BPJ) works with local communities and power companies to permit, build and commission heat power plants.

Heat power is an affordable form of renewable energy based on geothermal resources or waste heat. It provides local communities with affordable and sustainable baseload electricity without polluting the air or contributing to global warming. We currently have 4 power plants in Kumamoto and Gifu Prefectures. Several more plants are currently in the planning, development, or commissioning states. BPJ is a subsidiary of Baseload Capital, a specialised investment entity based in Stockholm, Sweden, that funds the deployment of geothermal power worldwide. Together, we are helping nations quickly transition away from fossil fuels and toward energy independence. The result will lead to more resilient societies and a planet in balance.

Purposes of Position:

You will work collaboratively with internal and external stakeholders to develop comprehensive project management plan for geothermal power plant

projects. You will play a pivotal role to execute projects, achieve desired targets and milestones, and ensure smooth transition from commissioning to the operation and maintenance phase. You may also be involved into geothermal execution activities of other Baseload Power companies other than BPJ.

Duties / Responsibilities:

- Develop and/or review technical documentation, specification drawings
- Define construction plan, finalize delivery contract and establish detailed schedule and milestones
- Lead, manage and engineering consultants or external experts
- Manage relationships with project stakeholders (ex: business partners, investors, land owners, local government officials, vendors, contractors) in a coordinated and timely manner
- Develop and/or review technical documentation (ex: RFP/RFQ, heat balance diagram, P&ID, single line diagram) and commercial documentation (POs, service agreements, EPC & OM contracts), through rigorous negotiation with vendors for best interests of the project
- Lead, manage and coach engineering consultants or external experts (incl. international) to accomplish project goals in an efficient and effective manner through managing/overcoming cultural differences and language barriers
- Define project scope, establish detail schedule and milestones, manage changes, and refine plan as project progresses
- Secure grid connection and PPA with off-takers, ensuring relevant applications are filed and necessary agreements are in place to connect the power plant for commercial operation
- Identify and secure relevant resources, including technical expertise, services, equipment, human resources, EPC contractors, etc. required for the project execution
- Establish project budget, and support development of project financial model by providing credible CAPEX/OPEX budget
- Control cash flow, assume P&L responsibilities for project owned
- Take ownership and execute projects through the development phases; from concept to an operational power plant

Competencies:

The following competencies are expected:

- Resilience – A personal ability to bounce back when discouraged, learn from your mistakes, and collaborate with others in order to overcome any hurdle
- Innovative – An openness to new ideas for improving the way we work and how we build our business and plants
- Visionary pioneering – Ability to recognize and seize opportunities, and not let the risk get in the way of doing what is right or inspiring others to achieve desired results together
- Entrepreneurial mindset – Previous experience building up businesses in new areas and continuously drive the company offering on a fast-evolving market
- Self-starter and results oriented – Proven experience working towards targets and achieving them and the ability to flourish with minimal guidance, be proactive, and handle uncertainty
- Excellent communication skills – Superb interpersonal skills, including the ability to quickly build rapport with both customers, partners, and suppliers
- Leadership and management Skills – Ability to inspire others to achieve desired results and to develop and enable others to realise their full potential.

•Environmentalist – Passionate about the environment and sharing the core values of Baseload group to work for a carbon free society

Requirements / Education / Qualifications:

•Passionate about geothermal power and strong belief in making an impact to decarbonisation in Japan.

•Bachelor of Engineering in mechanical engineering, electrical engineering or a similar field relevant to power plant engineering and/or project management. An advanced degree is a merit.

•5+ years of professional experience in a steam power generation field such as geothermal, biomass, and thermal power plant (ex: power plant design or construction, development of renewable energy projects, or management of such projects)

•Professional working proficiency in English and native in Japanese

•Familiar with project management tools such as scheduling software, financial models, RACI charts

•Basic understanding of:

1. Regulatory framework and standards related to power generation and development (ex: Japanese Electricity Business Act (?????))

2. Responsibility for technical / regulatory compliance

3. HSE(Health, Safe, Environment) management

4. Japanese market trends in the energy industry; development of new technologies in the renewable energy sector (especially, but not limited to, geothermal)

5. National policies governing development of renewable power plants, project financing for renewable power plants

If you have any questions about the position then please email Petter Sund, Country Manager at petter.sund@baseloadpower.jp and put “Geothermal Project Engineering Manager” in the subject.

Email

petter.sund@baseloadpower.jp