



SOLAR PV DESIGN ENGINEER



ABOUT US

RHA ENERGY PARTNERS is a Hawaii-based energy services company focused on identifying and implementing comprehensive and innovative energy-related turnkey solutions for our public and private sector clients. Our mission is to PARTNER with our clients to identify and implement energy solutions that positively impact our clients, our community, and our 'āina.

RHA ENERGY PARTNERS is seeking a Solar PV Design Engineer to join our growing Team to support the project development, design, and project implementation of various solar PV and battery energy storage systems statewide. We are seeking highly motivated professionals committed to making Hawai'i a better place to work and live.

Projects are currently all Hawaii-based and include government and private sector clients spanning multiple market sectors including commercial real estate, healthcare, K-12 schools, universities, financial banking, water and wastewater municipalities, and hotel and hospitality.



RESPONSIBILITIES

- Prepare and oversee the complete design (conceptual, schematic, preliminary, final) of commercial solar PV systems for permitting and construction.
- Preparation and compilation of full design plans, technical specifications, and construction documents for permitting and construction, including preparation of As-Built record drawings.
- Creating site layouts in AutoCAD for commercial scale solar PV systems, including electrical sheets and support and coordination with other disciplines or subconsultants, including architect, structural engineer, civil engineer, or manufacture shop drawings or manufacture technical support staff.
- Efficient time management and ability to manage multiple projects simultaneously and with minimal supervision including prioritizing, organizing, and planning effectively to meet all project design schedules.
- Collaboration and coordination with the Project Team, which may include internal project managers, engineers, administrative staff, or subconsultants, clients, or external permitting agencies.
- Gaining deep knowledge of PV system components such as PV modules, optimizers, racking and anchoring systems, inverters, data acquisition systems, battery energy storage systems, and Balance of Systems (BOS).
- A passion for multi-disciplinary design, integrating design consideration from architectural, civil, electrical, mechanical, and structural engineering.
- Apply engineering principles utilizing current electrical engineering standards, codes, and best-practices.
- Solar PV Design Engineer (continued)
- Ensure compliance with company, industry, trade, and jurisdictional permitting code requirements, safety standards, and best-practices.
- Perform additional duties as assigned and/or required.

Project Management

- Direct the work of subconsultants, contractors or staff of assigned projects.
- Support the Project Manager to ensure all project deliverables, goals and client expectations are met.



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SKILLS & CAPABILITIES

- Minimum 4 years experience and proficiency in commercial PV system design and drafting utilizing AutoCAD.
- Experience with cloud-based design software such as Helioscope, Aurora Solar, Energy Toolbase, or other similar PV industry manufacture software design tools.
- Helioscope software and AutoCAD drafting experience. REVIT experience desirable but not required.
- Associates or Bachelor's degree in a technical field, preferably architecture, civil, electrical, or mechanical engineering or equivalent work experience preferred.
- Strong knowledge of construction codes and standards.
- Creative, Collaborative, and Self-Motivated professional capable of multi-tasking.
- NABCEP certification desirable but not required.
- Strong writing and communication skills.
- Proficient with MS Office (Word, Excel, PowerPoint) and Adobe software.

JOIN OUR TEAM

RHA ENERGY PARTNERS is on the forefront of positively impacting Hawaii's energy landscape. We offer a rewarding and collaborative environment and are seeking individuals that want to make a difference.

Salary shall be commensurate with experience. In addition to RHA Energy Partners employee benefits, employees are also eligible for RHA Holdings Inc. employee benefits including a 401(K) profit-sharing plan and Employee Stock Option Program (ESOP) benefits upon eligibility.

If you are interested in this opportunity, please email a letter of interest and resume to joinus@rhaenergy.com.