



Position: **Energy 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 an Energy Engineer to join our growing Team to support the project development and project implementation of various energy efficiency, renewable energy, and sustainability projects 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 sectors.

Primary Responsibilities

Project Development

- Accompany Business Solutions Manager on client meetings and facility site walks to identify potential project opportunities.
- Assist Business Solutions Manager in development of client proposals.

Energy Audits

- Conduct facility energy audits (similar to ASHRAE Level 1, 2, and 3 audits).
- Conduct jobsite observations, field inspections, or sub-metering to identify: existing energy consumption use, existing building systems, and potential Energy Conservation Measures (ECM) for further evaluation.
- Collect, compile, and oversee data collection and data analysis, including energy billing and consumption data, mechanical or electrical subsystem energy data, or other relevant operational data or information.
- Identify and evaluate various ECMs including lighting systems, HVAC systems, building automation systems and controls, and on-site renewable energy systems.
- Prepare budgetary construction cost estimates for ECM implementation costs.
- Perform financial cost-benefit analysis of ECMs, including payback period, life-cycle costs, and net-present value financial analyses.
- Provide written summaries of ECMs evaluated, including summary of existing conditions and proposed ECMs.
- Prepare written narratives and reports including executive summary, technical details, and value-propositions for Energy Audit Reports or other relevant project summary reports.



Energy Engineer (continued)

Engineering & Design

- Prepare or oversee the engineering design (conceptual, schematic, preliminary, final) of Energy Conservation Measures for implementation.
- Provide knowledge in current engineering standards, codes, and practices in Hawaii as related to ECMs for mechanical, electrical, and renewable energy systems.
- Develop and implement Measurement & Verification (M&V) plans for energy projects (similar to IPMVP standards) through post-construction evaluation, monitoring, submetering, or other data acquisition.

Project Management

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

Client Management

- Develop and maintain strong client relationships throughout the Study, Design, Construction, and Post Construction phases of projects.

Desired Skills & Capabilities

- Creative, Innovative, and Self-Motivated professional capable of multi-tasking.
- Bachelor's Degree in Mechanical Engineering or Electrical Engineering strongly preferred.
- 2 - 5 years of experience desired in the field of mechanical or electrical engineering, relating to energy efficiency, building systems (lighting, HVAC, controls), energy savings performance contracting, renewable energy, and sustainability.
- Certified Energy Manager, LEED accreditation, or M&V certification.
- Building Energy Modeling (BEM) software experience (e.g. eQuest, Energy Plus).
- Strong writing and communication skills.

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.

RHA ENERGY PARTNERS is a subsidiary of Ronald N.S. Ho & Associates, Inc. Established in 1978, Ronald N.S. Ho & Associates is one of Hawaii's largest electrical engineering consulting firms with over 40 years of service in Hawaii.

Salary shall be commensurate with experience. In addition to RHA Energy Partners employee benefits, employees are also eligible for Ronald N.S. Ho & Associates, 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.