



Power Systems Senior Engineer

Build the future of the Marshall Islands' energy provider.

Location	Department	Reports To	Base Salary
Majuro, Marshall Islands	System Planning & Engineering	System Planning & Engineering Director	Competitive annual salary commensurate with experience and capability

HELP ENGINEER THE FUTURE OF ENERGY IN THE MARSHALL ISLANDS

Marshall's Energy Company (MEC) is transforming the way electricity is generated, managed, and delivered across Marshall Islands.

We're transitioning our existing 100% thermal power systems toward 100% renewable energy operations by 2050.

Today, MEC operates six power systems, with five additional hybrid power networks planned for development across other atoll locations in 2027 to 2028.

To help us deliver this transformation, we're looking for an experienced **Power Systems Senior Engineer** who brings strong technical expertise, sound engineering judgment, and a passion for developing people.

WHY JOIN MEC?

At MEC, you'll be working on real-world power system challenges that directly affect island communities. You'll have the opportunity to:

- Help shape MEC's transition toward 100% renewable energy by 2050.
- Work on hybrid power systems, renewable generation, battery energy storage, and modern control systems.
- Support the development of five new hybrid power networks across additional atoll locations.
- Work with MEC's six existing power systems.
- Contribute to SCADA and EMS modernization.
- Work alongside experienced engineers, operations teams, consultants, contractors, and technology providers.
- Develop and mentor junior engineers.
- Take part in technically challenging projects with long-term national impact.

YOUR ROLE

As Power Systems Senior Engineer, you will provide senior technical expertise and engineering leadership across MEC's power systems.

You will work closely with the System Planning & Engineering Director and have delegated authority to review and approve routine engineering designs and technical documents within your approved scope.

Your responsibilities will include:

- Lead and support power system planning, analysis, design, and technical reviews.
- Review and approve routine engineering designs, calculations, drawings, and specifications.
- Conduct and review load flow, short-circuit, protection coordination, voltage, frequency, and system performance studies.
- Support renewable energy and battery energy storage integration.
- Provide technical leadership for hybrid power system development.
- Provide strong technical expertise in SCADA and Energy Management Systems (EMS).
- Review SCADA/EMS architecture, monitoring, control, communications, alarms, and integration.
- Support integration of generation, renewable energy, battery storage, substations, and distribution systems into SCADA/EMS.
- Provide technical support to Operations and Maintenance.

- Investigate power system events and technical problems.
- Develop and improve MEC engineering standards and technical procedures.
- Support project design, procurement, construction, testing, and commissioning.
- Review consultant and contractor engineering deliverables.
- Coach, mentor, and develop junior engineers.
- Promote technical knowledge sharing and strengthen MEC's engineering capability.

WHAT YOU BRING

EDUCATION & EXPERIENCE

- Bachelor's degree in Electrical Engineering, Power Systems Engineering, or a closely related discipline.
- Minimum 10 years of progressively responsible electrical/power systems engineering experience.
- Strong experience in electrical power generation and distribution systems.
- Strong experience in power system planning, analysis, design, protection, and system integration.
- Strong knowledge and practical experience with SCADA and EMS.
- Experience with power system control and automation.
- Experience reviewing electrical engineering designs, calculations, drawings, and technical specifications.
- Experience providing technical guidance, mentoring, or supervision to engineers or technical staff.
- Strong analytical, technical, communication, and problem-solving skills.

TECHNICAL EXPERTISE

- Power system planning and analysis
- Power generation and distribution
- Renewable energy integration
- Hybrid power systems
- Battery energy storage systems
- SCADA and EMS
- Power system control and automation
- Electrical protection
- System reliability and resilience
- Engineering design and technical review
- System studies
- Power quality
- Equipment selection and evaluation
- Commissioning and testing
- Technical troubleshooting
- Engineering standards and compliance

WHAT SETS THE RIGHT CANDIDATE APART

- Brings sound engineering judgment and takes ownership of technical decisions.
- Can translate complex engineering issues into clear recommendations.
- Is comfortable reviewing and challenging designs when necessary.
- Understands the interaction between generation, renewable energy, storage, controls, and distribution systems.
- Has practical experience with SCADA/EMS and power system automation.
- Enjoys mentoring and developing junior engineers.
- Shares knowledge rather than keeping it within individual expertise.
- Can work effectively with Operations, Maintenance, Projects, contractors, consultants, and management.

- Is comfortable working in remote and geographically dispersed environments.
- Is curious about new technologies and approaches to renewable energy integration.
- Wants to contribute to a long-term transformation of the Marshall Islands' energy system.

COMPENSATION AND BENEFITS

MEC offers a comprehensive total compensation package that goes well beyond the base salary. In addition to an annual base salary to be negotiated, MEC provides:

- Employer-provided housing, with MEC covering water, sewage, and a set electricity allowance each month.
- Employer-provided vehicle.
- Free residential internet and a mobile service plan.
- Group life insurance at no cost.
- Annual home leave airfare, plus joining and repatriation travel.
- Paid annual and sick leave under MEC's leave policy.
- Direct access to senior leadership and the opportunity to lead meaningful and organizational improvements.

Taken together, these benefits represent substantial additional - particularly for candidates relocating to Majuro, where employer-provided housing and utilities significantly reduce cost of living.

READY TO LEAD?

If you're ready to use your engineering expertise to help build a more reliable, resilient, and renewable energy future for the Marshall Islands, we'd like to hear from you - we want to hear from you.

Join Marshalls Energy Company as our next Power Systems Senior Engineer!

Please apply directly to <https://mecrmi.com/jobs/power-systems-senior-engineer/> or send your resume/CV to kfadriquela@mecrmi.net