



Renewable Energy Corporation ASA (REC) is the leading vertically integrated player in the solar energy industry. REC Silicon and REC Wafer are among the world's largest producers of polysilicon and wafers for solar applications. REC Solar is a rapidly growing manufacturer of solar cells and modules. In 2008, REC Group had revenues of NOK 8 191 million and an operating profit of NOK 2 529 million. About 2 500 employees work in REC's worldwide organization.

REC Systems is the project development and system integration arm of REC. Backed by a fully integrated value chain and with access to REC's high performance solar modules, REC Systems is uniquely positioned to develop medium to large sized projects in selected market segments. REC Systems operates in collaboration with our existing partners, with other developers, or independently. REC Systems APAC is currently incorporated in Singapore (APAC HQ and SEA operations) and South Korea. The focus is on business and market development of large-scale PV projects in the APAC region and scalable off-grid applications in Southeast Asia.

## **PV Mechanical Engineer/Associate Engineer (SEA) - REC Systems**

The REC Group is positioned in the solar energy industry as a company with broad presence across the value chain. REC is the world's largest producer of silicon materials for photovoltaic (PV) applications, among the largest producers of PV wafers, and a significant producer of cells and modules. The REC group is currently developing its PV downstream activities and has recently incorporated the REC Systems APAC Headquarter in Singapore.

At REC Systems, our business areas include the development, financing engineering, procurement, construction, operation and sales of photovoltaic projects, from small-scale off-grid/on-grid applications to large-scale power plants.

In this full-time position, you will be responsible to support and provide engineering services and solutions for small-scale PV installations in Southeast Asia, as well as for larger grid-connected installations in Singapore. The PV Market in SEA is currently mainly driven by professional off grid solutions and small grid connected Systems. Some of the countries in SEA also considering subsidies to develop large scale PV power plants.

**Reference no.:** 534529747

**Deadline for application:** ASAP

[Apply for position](#)

### **Job description**

- Develop photovoltaic designs to cost for Grid-Tied/Off-Grid/Hybrid Systems that including
- Perform photovoltaic project pre site condition survey, measurement and evaluation,
- Develop and design photovoltaic system, array

### **Education field**

- Engineering, Other
- Engineering, mechanical
- Engineering, materials

### **Qualifications**

frame mounting structural on rooftop/ground base/others by take into account of civil, building, mechanical engineering restriction and constraints,

- Develop and design photovoltaic tracking system mechanically, with compatible to its array frame mounting structural,
- Perform installation and commissioning on photovoltaic array frame mounting structural and its tracking system on-site,
- Perform post quality checks, performance inspection and maintenance of photovoltaic array frame mounting structural and its tracking system,
- Prepare standard site survey checklist, testing report, operation and maintenance procedure for photovoltaic array frame mounting structural and tracking system,
- Perform data analysis and report on photovoltaic power quality as per installation to ensure its designed performance and yield are optimized as per design,
- Perform Root Cause Analysis, Failure Mode Effects Analysis, Reliability Centred Maintenance and incident investigation if required,
- Provide full support services for Business Development Department
- Provide pre & post after sale technical support services to customers
- Fully support ISO 9001:2000, ISO 14001:2004 and OHSAS 18001:1999 certification
- Fully support Minister for Manpower - Workplace Safety and Health Awards

#### **Education level**

- College / University, Bachelor's degree or eq

#### **Personal qualities**

- Well developed communication skills
- Knowledge of different Asian languages an added advantage

#### **Job location**

- Singapore

- Degree/Diploma in Mechanical/Electro-mechanical Engineering or a related field
- Engineering graduate with specific understanding in photovoltaic systems as above specified applications
- Must have a desire to bring REC Systems to the forefront of the market and wish to develop further within the REC Group
- More than one year of working experiences in photovoltaic system design experience or a related field
- Fully understand the Occupational, Safety and Health Requirements and Regulations
- Ability to read and understand architectural plans and schematic drawings
- Able to work independently with minimal supervision and self-motivated
- Working experience in project-teams or in a project related environment
- Proficient in MS-Office, AutoCAD Software
- Excellent English language and written abilities
- Must have customer services, work safety and result-oriented mindset
- Able to work multiple projects simultaneously
- Based in Singapore but will be required to travel in the region
- Have Class 3 Driving license
- College / University, Minimum diploma with 10 years relevant experiences in Mechanical engineering
- College / University, Master's degree or Bachelor's degree is acceptable
- • Consideration is also possible for Master's degree or Bachelor's degree with at least 1 year of experience.

#### **We offer**

- An exciting position in an international, world leading, high growth company. Excellent opportunities for professional and personal development. Competitive remuneration and benefits package.

#### **Miscellaneous job info**

- Full time
- Number of positions: 2