

Senior Electrical Engineer

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Company: AFRY

Location: Bangkok

Category: other-general

Responsibilities

Design, engineering electrical systems and equipment for renewable energy and conventional thermal power plant projects

Design conceptual overall power plant single line diagrams

Design relaying and metering diagrams for high voltage substations

Prepare high voltage substations layout and sections

Prepare sizing calculations such as transformers, MV switchgears, LV switchgears, CT/VT, cables

Prepare detailed design of electrical system, HV/MV/LV/DC & UPS single line diagrams

Prepare electrical equipment specifications

Prepare typical electrical logic diagrams, schematic diagrams, intertripping/interlocking and tripping matrix

Review, comment the submitted document, drawings from vendors or subcontractors e.g. transformers, HV/MV/LV switchgears/MCCs

Review, check electrical detailed design for cable installation, equipment layout drawings

Analyze any problems under his responsibility and propose the optimized solutions

Manage the assigned electrical engineers working under his control

Planning, scheduling, monitoring and control the works to get the jobs done according to the required quality, schedule and budgets

Develop typical design document, drawings

Coordinate with engineers of other disciplines

Require least supervision, ability to initiate, prioritize and manage his own works based on jobs assignment from superior

Qualifications

Qualifications and Requirements

Bachelor degree or higher in Electrical Engineering with 4 years or 5 years course majored in electrical power engineering with GPA at least 3.2 from well-known government university

7-10 years experiences in renewable energy power plants e.g. solar PV, wind farm, battery energy storage, biomass power plant electrical system design and engineering

Having expertise and experiences in electrical power system protection systems, protective relaying

Familiar with international codes and standards i.e. IEC, IEEE, NFPA standards

TOEIC test score at least .

Having initiative thinking, fast learning and is enthusiastic in exploring new engineering knowledges

Good analytical skill with logical judgement

Having problems solving skills

Responsible minded and be able to work under pressure

Good interpersonal skills

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