



ELECTRICAL ENGINEER

(M/F)

At Voltaia we are passionate about renewable energies. We are an international company (listed on Euronext Paris since July 2014) and we produce electricity from multiple power sources (wind, solar, hydro and biomass). Today we have a total installed capacity of 451 MW and we also provide services on behalf of third-party clients such as development, construction, maintenance and exploitation of energy production sites. With a booming growth, our group is already present in 17 countries over 4 continents and we offer to our clients a global operating capacity. Besides the group strongly contributes to the socio-economic development of the regions where it is present and cultivates partnerships profitable to all the stakeholders, at all levels.

If you share our ambition and our passion for renewable energies, Voltaia has a career for you!

Our **Global Engineering Department** is looking for an **Electrical Engineering**, which will have the following responsibilities:

- Analysis of received technical information for a specific project (including RFP/RFQ and tenders) that impacts the electrical design of the project;
- Solutions optimization, considering both technical and economic views;
- Provide inputs to CAD Design Team for the design of Power Plants;
- Execution of Preliminary Layouts on HELIOS 3D or VIRTUO SOLAR, according to the topographic data;
- Monitoring of all his project's electrical drawings and final review;
- Energy Yield Assessments using simulation software as PVSYST for solar;
- Analysis/comparison of meteorological data, estimated gross production, estimated net production for the time frame required (maximum PPA);
- Execution of electrical diagrams (Single Line Diagrams – SLD);
- Analysis of the availability of a plot (Capacity Study) for the construction of a Power Plant;
- Study of alternative engineering solutions for project optimization;
- Review and verification of external service provider's design and calculations;
- Market analysis (on electrical side);
- Contact with suppliers for technical discussion of existing and/or alternative solutions, or under technical arrangements to electrical infrastructures;
- Bill of quantities preparation (on the Electrical side);
- Execution of technical documents (Written Parts, Drawings, O&M Dossier);

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Announcement Date: 24-03-2017

REFERENCE
19.2017

COMPANY
Voltaia

BUSINESS LINE
Center of Expertise

DEPARTMENT
Global Engineering

JOB TITLE
Electrical Engineer

LOCATION
Oliveira de Frades, Portugal

STARTING DATE
April, 2017



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- Perform Technical Descriptions, Technical Calculation, Technical Specifications, Drawing for projects licensing, EPC and execution;
- Technical assessment and support in Site Surveys;
- Perform Executive Designs (on the Electrical area);
- Provide technical support during construction and execute the As Built documentation according to the changes made during the construction.

QUALIFICATIONS:

The ideal candidate will have/ be:

- Master Degree or Degree in Electrical/ Electrotechnical Engineering - Specialization in Energy Systems (preferred);
- At least 3 years of experience in electrical projects;
- Experience in the electrical installation area and constructions inspection;
- MS Office, AutoCAD and Electrical Engineering software domain;
- English language domain;
- French/Portuguese (valued);
- Availability for national and international travels.

Key Skills:

- Analysis and interpretation ability;
- Organization;
- Availability and sense of responsibility;
- Strong attention to detail;
- Self-motivated;
- Ability to manage stress and to work under pressure;
- Resilience ability and proactivity;
- Good team work skills.

Your application will be reviewed by Daniela Mendes.

If you are interested in this career opportunity, please send us your CV to voltaliarecruits@voltaia.com, with the subject "19.2017 – Electrical Engineer PT".