

Grid Engineer

电网工程师

Location: Beijing, China

Starting date: ASAP

ABOUT THE COMPANY

企业介绍

Our client is a large French company focused on environmental services, operating in areas such as energy management and resource conservation. Our clients have a global reputation, provide services to many governments, and maintain long-term cooperation with large industrial enterprises.

我们的客户是一家以环境服务为主的大型法国公司，其运营领域包括能源管理、资源保护等。我们的客户在全球享有知名声誉，为多国政府提供服务，与大型工业企业保持长期合作。

MISSIONS

工作内容

- Perform technical literature review on identifying and developing innovative substation digitalization and distributed energy resources (DERs) control strategies to ensure reliability, stability and resilience of future power systems;
就确定和开发创新的变电站数字化和分布式能源资源（DER）控制策略进行技术文献审查，以确保未来电力系统的可靠性、稳定性和弹性；
- Feasibility study supports via modern software simulation for power distribution system static and dynamics behaviors in conjunction with power electronics systems under different inverter control strategies (i.e., grid-forming control);
在不同逆变器控制策略（例如并网控制）下，通过现代软件模拟配电系统与电力电子系统的静态和动态行为，为可行性研究提供支持；
- Power quality, fault analyses and protection scheme developments & coordination for AC / DC distribution systems;

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交流/直流配电系统的电能质量、故障分析和保护方案开发与协调；

- Technical-economic analyses for DC power distribution systems, solar/energy storage, virtual power plants (VPPs) / microgrids, and DERs projects;
对直流配电系统、太阳能/储能、虚拟电厂 (VPP) / 微电网和 DERs 项目进行技术经济分析；
- Experimental data recording and analyses via applying scripting or programming as needed;
根据需要应用脚本或编程进行实验数据记录和分析；
- Help participations associated with international standards development and industry consensus building;
帮助参与国际标准的制定和行业共识的建立；
- Assist the development of new business and research projects collaborations with local business units as well as industrial and academic partners by contributing to analyses and proposals.
通过参与分析和建议，与本地业务部门以及工业和学术合作伙伴开发合作的新业务和研究项目。

REQUIREMENT

任职要求

- **Master or PhD degree in electrical engineering ideally focusing on electric power system or power electronics, control and automation;**
电气工程硕士或博士学位，最好侧重于电力系统或电力电子、控制和自动化；
- Solid power system knowledge, good computer and programming skills, be familiar with the electric power systems simulation and other numeric computing tools (e.g., MATLAB, OpenDSS, PowerFactory, PSCAD, eTAP);
扎实的电力系统知识，良好的计算机和编程技能，熟悉电力系统仿真和其他数值计算工具（如 MATLAB、OpenDSS、PowerFactory、PSCAD、eTAP）；
- Professional, independent, positive attitudes with self-motivations and team spirit to work in a multi-cultural environment.
专业、独立、态度积极，具有在多元文化环境中工作的自我激励和团队精神；
- Fluent English both written and spoken; Chinese, mother tongue; French is a strong plus.
英语书写和口语流利；母语为中文；会法语者更佳。

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APPLICATION

申请方式

Please send your CV with GPA included and/or a cover letter and an unofficial transcript or courses list to bj-hr@ccifc.org

有意者请将简历和/或求职信、非正式成绩单或课程表（应届毕业生）投递至邮箱 bj-hr@ccifc.org

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