Power Grid Senior Engineer

电力系统研发工程师

Location: Beijing

A top international energy group owns global R&D institutions committed to innovative and applied energy research to solve key industry technical challenges. Based in the group's Beijing R&D center, the team focuses on integrated and decarbonized energy system research, focusing on new power system grid stability, renewable energy integration and power grid digitalization. The team provides personalized career development paths for employees and builds technical cooperation bridges between Chinese and European energy industries.

国际头部能源集团，拥有全球化研发体系，深耕能源领域创新与应用研究，攻克行业核心技术难题。本次岗位坐落于北京核心城区研发中心，团队聚焦综合低碳能源系统研究，主攻新型电力系统电网稳定、新能源并网、电网数字化等前沿方向。企业为员工定制专属职业发展路径，同时搭建中欧能源行业技术合作平台，发展空间优质。

Key Responsibilities 工作内容

- Lead and participate in power system research projects, including innovative research on substation digitalization and control strategies of distributed energy resources.
- Conduct simulation and characteristic analysis of AC/DC distribution systems under multiple inverter control strategies, and carry out research on power quality optimization and fault protection schemes.
- Perform technical and economic evaluation for new energy, energy storage, virtual power plant, microgrid and other distributed energy projects.
- Assist in formulating team technical strategies and completing power system simulation modeling work.
- Cooperate with domestic industry and academic partners to develop new scientific research and business cooperation projects.

工作内容

- 主导并参与电力系统专项研发项目，开展变电站数字化、分布式能源控制策略等前沿技术创新研究。
- 针对多种并网控制策略，完成交直流配电网运行特性仿真分析，研发适配的电能质量优化、故障保护配套方案。
- 对新能源、储能、虚拟电厂、微电网等项目开展专业技术经济性评估，输出可行性分析报告。
- 协助团队制定技术研发策略，完成各类电力系统仿真建模、数据验算等核心技术工作。
- 对接国内产学研合作方，拓展全新科研课题及商务合作项目，推进项目落地实施。

Job Requirements 任职要求

With over 10 years of experience, CCI FRANCE CHINE Recruitment Department supports companies in their recruitment needs and helps candidates find a professional opportunity across China.

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- Master or PhD degree in Electrical Engineering, Power System, Power Electronics, Control and Automation or related majors.
- Over 3 years of professional R&D working experience in the power energy industry.
- Solid theoretical foundation and professional knowledge of power system operation and control.
- Proficient in power system simulation and numerical calculation tools including MATLAB, OpenDSS, PowerFactory, PSCAD, with practical programming capabilities.
- Independent, proactive and self-motivated, with good team spirit and ability to work in a multicultural international team.

任职要求

- 电力系统、电气工程、电力电子、控制自动化等相关专业，硕士及以上学历，博士优先。
- 具备3年及以上电力能源行业研发相关工作经验。
- 拥有扎实的电力系统运行与控制专业理论基础，熟悉新型电力系统相关技术体系。
- 熟练掌握 MATLAB、OpenDSS、PowerFactory、PSCAD 等电力仿真及数值计算工具，具备独立编程实操能力。
- 工作主动独立、责任心强，具备良好的团队协作意识，能够适配国际化多元文化办公环境。

Language Requirements 语言要求

- Native Chinese speaker.
- Fluent in both written and spoken English.
- French proficiency is a strong plus.

语言要求

- 中文母语，沟通无障碍。
- 英语听说读写流利，可作为工作语言。
- 掌握法语者优先加分。

投递方式

Application:

请将中英文简历及动机信发送至

Please send your Chinese and English CV and cover letter to

Bj-hr@ccifc.org