

Engineering Technical Lead Innovation and Electricity Systems

Salary: Competitive Salary, dependent on experience

Contract: Permanent, Full-Time

Location: London Bridge - flexible working opportunities

About ENA

Energy Networks Association (ENA) represents the transmission and distribution network operators for electricity and gas in the UK and Ireland. Our members control and maintain the critical national infrastructure that delivers these vital services into our homes and businesses. As the voice of the energy networks sector, ENA acts as a strategic focus and channel of communication for the industry.

The near future is likely to bring great changes in the way that energy networks are developed and operated in a smarter environment in order to meet the challenges of a low carbon economy. The successful applicant will have the opportunity to play an active role in this exciting work.

Job Purpose

We are seeking a highly motivated person to join our Innovation & Electricity Systems team providing support for ENA's member companies. The role will support the Director of Innovation & Electricity Systems and Head of Engineering in facilitating and leading industry working groups assigned to manage and develop protection, power quality, earthing and telecommunications policy for application on the UK Transmission and Distribution Electricity Networks.

The role also exists to provide a facilitating link between the industry working groups and delivery of Transmission and Distribution industry technical standards and specifications relating to industry, best practices and technical requirements required to comply with UK H&S legislation.

An important aspect of the role will be the ability to work in close collaboration and engage with senior industry members, industry technical specialists, industry stakeholders, national regulators, government departments and other industry related bodies/organisations.

Key tasks and responsibilities:

General

- Provide technical support to ENA members to address specific engineering and technical issues.
- Act as the ENA principle point of contact for all protection and automation, power quality and operational telecommunications network equipment / asset related issues and enquiries.
- Collaborate with other technical departments, for example Innovation, to ensure these technical areas (protection, PQ, etc) are appropriately considered when new technologies are introduced onto the Networks (e.g.: EVs)
- Manage and develop ENA technical standards.
- Set up groups and work programmes and deliver projects to evaluate technical issues raised by the wider industry in the context of the electrical networks and work with members to provide collaborative solutions.
- Chairing or providing technical secretariat to electrical and telecommunications network issue specific working groups as required.

- Represent the electricity network industry at national and international meetings and workshops.

Strategic Telecommunications

- Co-ordinate Strategic Telecommunications Group (STG) work programme and outputs including technical development of operational telecommunications networks and spectrum use strategy, with support from Resilience Lead for resilience related issues.
- Work with government, regulator and stakeholders to understand the interdependencies between power and telecommunications networks.
- Develop documentation to support lobbying positions on changes impacting operational telecommunications networks.

Cyber Security

- To support the ENA Cyber Security Task Group and ENA member companies in managing the administrative, engineering and technical aspects of cyber security issues arising from the development and deployment of extensive ICT infrastructure.
- Work with government departments (BEIS, NCSC) to develop and publish industry guidance and policy.

Earthing

- To support the ENA Earthing Coordination Group (ECG) and other industry stakeholders by facilitating ECG projects, managing engineering and technical aspects of their legal and licence obligations in the area of power system earthing.

Power Quality

- To support the ENA Power Quality (PQ) and Electro-Magnetic Compatibility (EMC) workgroup in its aim of actively assisting Member Companies in managing the engineering and technical aspects of their legal and licence obligations in the areas of PQ and EMC.
- Actively review and develop potential changes to UK statutory voltages.
- Identify developments in the areas of PQ and EMC that could potentially impact on Member Companies.
- Report and provide assistance to the PQ and EMC workgroup as required in the areas of PQ and EMC.

Street Works

- To support the ENA Street Works Group in managing street works and Traffic Management Act issues while promoting external awareness of street works issues in support of ENA member companies.

Person specification

Essential criteria:

- Degree qualification in Electrical Engineering or other relevant Engineering degree with transferable skills
- Experience of operational communications and communications resilience including an understanding of cyber-security and its application to energy networks.
- Experience of transmission and distribution network protection and earthing systems
- Strong organisational skills and takes responsibility for developing and delivering expected outcomes on time and to standard
- Effective communicator, both orally and in writing - including ability to draft papers, reports and industry responses.

Desirable criteria:

- UK Electricity Transmission or Distribution network industry experience
- Knowledge of UK Industry Specification, Standards and Procurement processes
- Knowledge of Electricity Transmission and Distribution network design
- Intermediate Microsoft Office User

Benefits

In return in addition to a competitive salary you will have access to a range of other employee benefits including; 28 days' holiday entitlement; Group Personal Pension Scheme, Annual Bupa Medical Assessment, Employee Assistance Programme and an interest-free season ticket or bike loan.

ENA is committed to recruiting, training and promoting the best person for the job and encouraging all our colleagues to reach their full potential, regardless of age, gender, marital status, colour, race or ethnicity, nationality, disability, religion or religious or other beliefs, sexual orientation, social, spent criminal convictions or educational background or family or care responsibilities.

ENA is determined to create a working environment which is free from any form of discrimination, harassment or bullying and within which all individuals are treated with respect, fairness and courtesy.

If you require any reasonable adjustments as part of our recruitment process, please get in touch and let us know. We're also happy to discuss flexible working options should the role accommodate it.

To apply, please send your CV with a covering letter quoting IES522, outlining why you feel you would be suitable for the role and including details of your current salary to recruitment@energynetworks.org

Closing date for applications: **Friday 3 June 2022**

No Agencies