



**POWERING  
YOUR CAREER**

**Innovation Project Engineer  
Role Profile**

## Innovation Project Engineer

Location: Castleford, Shiremoor or Penshaw

Directorate: Policy and Markets

Job Ref No: R5855

### Do you have what it takes to play a key role in shaping the electricity distribution network of the future and be at the heart of achieving net zero?

We are Northern Powergrid, and we are responsible for powering everyday life for 8 million people across the North East, Yorkshire and northern Lincolnshire. We are a diverse team, creating a smarter, more flexible electricity distribution network that will enable our region to decarbonise and meet the needs of our customers now, and in the future.

**Distribution System Operation (DSO)** involves us delivering an increasingly smart and flexible energy system for our customers that delivers a greener grid, with maximum resilience at minimal overall cost.

This is an exciting opportunity at a time of significant and fascinating change within the energy sector. As a **Innovation Project Engineer**, you will play an integral role as you will be primary responsible for the design, development and delivery of the operational technology to enable communities to deliver DSO flexibility services, while also supporting the wider NPg DSO function on other project activities such as System Forecasting and DSO Policy Development.

Our vision is to be the best energy company in serving our 3.9 million homes, whilst delivering a sustainable energy solution.

**The Community DSO** project will lead on develop and trial different approaches to identify how communities and local stakeholders can best work together, with their local DNO, to deploy Smart Local Energy Systems (SLES). Trials will take place in four local communities encompassing rural and urban networks.

### What's the package?

Along with a competitive salary of £45,943 - £62,828 we also offer great benefits such as;

- Agile working
- 25 days holiday – increasing with service
- Technical Incentive Scheme – up to £2,000 per annum
- Excellent opportunities for career growth
- Enrolment into our double-matched pension scheme

### What will you do?

- Design authority for the systems required for trials and testing as part of the Community DSO project, setting out the requirements and supporting delivery of the operational technology to trial sites.
- Identify and select technology suppliers to deliver the project
- Be the technical project owner for the Community DSO project
- Interface internally to our Operational Technology team and externally to project partners, TNEI and LCP, and any other technology sub-contractors
- Primary focus on Community DSO, secondary focus on other projects and tasks within wider DSO team.
- Ensure compatibility of project developments with wider NPg system developments
- Ensure project aligns to and meets Ofgem's technical requirements and timely completion of any change management.

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### Key Competencies

- **Good communication** skills to engage with multiple internal and external stakeholders.
- The ability to build **strong relationships** with external project partners in order to create productive working relationships.
- **Analytical and data-driven** - specify and direct uplift in analytical capability and data management
- **Project management and system change** – deliver business change with systems and data processes in a coordinated and planned manner
- Good **project team-working** relationships.

### Essential Qualifications and Experience

- HNC or above in a electrical discipline
- Technical knowledge of network operations and understanding of operational IT and system integration.
- Knowledge on battery storage systems and operation

### Desirable Qualifications and Experience

- Previous work within energy industry innovation projects
- Have worked or are currently working in a Distribution Network Operator (DNO).
- Chartered engineer or currently working towards achieving CEng status.

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**Posted: 18 May 2023**

**Closing date for applications: 1 June 2023**

In order to comply with our electricity distribution license, we have to ensure our colleagues are fit and proper to visit and enter our customers premises. Consequently, as this role may involve visiting and entering our customers premises, please be aware that the successful candidate will be subject to a basic Disclosure and Barring Service (DBS) check. Please confirm in our application if you are content for this check to be completed.

*Applicants are considered on the basis of their suitability for the post irrespective of sex, marital status, sexual orientation, gender re-assignment, race, age or disability, in accordance with the Equality Act 2010.*