

Graduate Engineer

Job Specification

1. Background

Mutual Energy owns and operates electricity and gas transmission infrastructure that provides vital links to the energy markets in Great Britain, improving the security of energy supply for Northern Ireland energy customers. Combined, these assets provide essential conduits for wholesale energy supply between Northern Ireland and Great Britain.

We manage £730m of assets, with an annual turnover in the region of £120m. We strive to maximise value for Northern Ireland's energy consumers. We manage our assets to the highest standards of safety, reliability, and efficiency, reducing operating costs, and delivering high levels of availability.

Due to growth to support our energy transition activities, we are seeking to appoint a number of Graduate Engineers.

2. Role

These are full-time positions, initially undertaking roles across our business as part of your training, with the intention of filling substantive positions within two years. The positions will focus on the replacement and refurbishment of gas transmission and HVDC assets, gas operations and system planning, the imminent integration of renewable gases and the management and development of the Mutual Energy ISO 55001-accredited Asset Management System, covering the gas and HVDC assets.

Mutual Energy will support the Graduate Engineers with a wide variety of training and development to attain competency in roles across the business. As part of this training and development, graduates will be given the opportunity to deliver substantive work packages in line with business needs, and in conjunction with our Strategic Partners.

We are seeking three Graduate Engineers. One role will specifically focus on supporting the electricity parts of the Mutual Energy business, and will therefore require a suitable specialism in Electrical Engineering.

3. Typical areas of support

As a Graduate Engineer, you may find yourself supporting areas such as;

- Project management of replacement/refurbishment projects for the Mutual Energy gas transmission pipelines and HVDC assets requiring specialist technical expertise, both onshore and offshore,
- Management of the Mutual Energy Asset Management System, to maintain our ISO 55001 accreditation, and to bring value to the business through effective Asset Management practices,
- Development and implementation of IT systems to support best practice Asset Management,
- Support of our ongoing operation and maintenance of the gas transmission system and HVDC assets,
- Regulatory business case justification and cost reporting,

- Liaison with key stakeholders including the Utility Regulator, Government Departments, Health & Safety Executive, System Operators and adjacent network operators,
- Evaluation of the impact of the energy transition on the existing assets such as the impact of hydrogen on infrastructure constructed to convey natural gas,
- Emergency planning and exercises.

4. Essential criteria

- For all positions, a third level qualification or equivalent in engineering or another relevant subject,
- *Specifically for one of these positions, a third level qualification or equivalent in Electrical / Electronic Engineering,*
- Possess a full driving license and have access to a vehicle for business purposes or alternatively have access to a form of transport which will permit travel to meet the requirements of this role,
- A right to work in the UK.

5. Key competencies

- Problem Solving
- Communication
- Leadership
- Self-motivation
- Team Working
- Organising and Planning
- Flexibility
- IT skills (MS Office suite)

6. Desirable criteria

- Affiliation to a professional body e.g., IET, IMechE, IGEM, with an ambition to achieve chartered status,
- Experience of effectively managing others including the ability to motivate people to improve performance and meet the desired objectives,
- Knowledge of relevant operational, technical and legal requirements within the energy sector,
- Knowledge of current asset management practice e.g. ISO 55001,
- In the region of one year's relevant work experience (this can include Graduate placement, or other work),
- Experience of relevant information systems such as Geographical Information Systems (GIS) , Computer-Aided Design (CAD) or Enterprise Asset Management Systems (EAMS).

7. Package

- Competitive salary (£31,000),
- A 10% Bonus Scheme, based on company and individual performance,
- A contributory pension up to 9.5% by the employer,

- 25 days annual leave plus 11 statutory days,
- Healthcare - private medical insurance is offered for the individual and family,
- Critical illness cover,
- Life assurance,
- The company currently offer salary-sacrifice electric car lease & cycle to work schemes.

8. Location

- Mutual Energy is based in Belfast, and these roles are office-based,
- Non-contractual hybrid-working model, with staff expected to be working from the office for a minimum of two working days per week, subject to particular work requirements,
- Staff are expected to be flexible. For example, 'face to face' meetings may require their presence in the office more frequently,
- A degree of travel across the UK, Ireland and Europe can be expected with these roles.

9. Hours of work

Standard hours of work are 9 am – 5 pm, although a higher degree of commitment and flexibility may be required to meet deadlines.

10. Notice period

3 months for employer or employee.

11. Probation period

6 months.

12. Applications

To apply for this position please submit your CV, either through NI Jobs, through the university portal where this job has been advertised or via email to recruitment@mutual-energy.com, specifying which role(s) you are applying for

Applications close on **Tuesday 18th March 2025**.

We are also holding drop-in events at Queens University and Ulster University where anybody who is interested in applying for the roles can come and ask questions and find out a bit more about Mutual Energy. Please feel free to drop by at the following locations and times:

- Queens University Belfast, One Elmwood Student Centre, main foyer on Monday 10th March 2025 from 11am until 2.30pm
- Ulster University Belfast, event location and time to be confirmed – please keep an eye on Handshake and our LinkedIn page for further details of any events over the next few weeks: <https://www.linkedin.com/company/mutual-energy>