

In the company of... SOLVERS



Business area: Infrastructure
Requirements: On track to achieve a degree in a relevant discipline. Please refer to team details below for specific requirements.
Our teams and what they do
<p>Design and Advanced Technology – Water</p> <p>Degree Requirements: On track to achieve a minimum of a 2.1 Beng/BSc or 2.2 Meng/MSc in an Electrical Engineering discipline</p> <p>Industrial year placement locations: N/A</p> <p>Summer placement locations: Bristol, Epsom</p> <p>As an Electrical Engineering Placement Student within our Design and Advanced Technology Water team you could be helping to support our clients across the Water sector both in the UK and internationally. Our team provides expertise in Civil, Mechanical, Electrical, ICA (Instrumentation, Control and Automation) and Process Engineering. You'll develop your understanding of Electrical Engineering, learning essential skills, which are applicable across several other sectors.</p> <p>AtkinsRéalis have numerous opportunities both in the UK and internationally which you could be involved in. Projects often include the opportunity for site visits which will further develop your understanding of Electrical Engineering, and the infrastructure associated with it.</p> <p>You could get the opportunity to develop your capability in both new build and refurbishment projects. This could include supporting with activities such as: determining the site power requirements and control regimes (in documents such as Load schedules and Control Philosophies). You may also have the opportunity to enhance your knowledge of technical drawings such as Single Line Diagrams and Piping and Instrumentation Diagrams (P&IDs). Additionally, you could be collaborating with both clients and colleagues across multiple disciplines and developing project management skills, which will set you on the path to becoming a successful Engineer.</p> <p>AtkinsRéalis will 'kick-start' your career in a flexible and friendly workplace for all and will support you throughout your placement and beyond.</p> <p>NetZero Energy</p> <p>Degree Requirements: On track to achieve a minimum of a 2.2 Beng in an Electrical Engineering discipline, Energy Systems or Renewable Energy.</p> <p>Industrial year placement locations: Birmingham, Epsom, Glasgow.</p> <p>Summer placement locations: Birmingham, Epsom, Glasgow.</p>

As a placement student the team is looking for candidates that have strong interest in electrical engineering, power systems, and energy markets, who are keen to develop their knowledge and make a meaningful contribution to the energy sector. If you're passionate about shaping a sustainable future and curious about how engineering can support the journey to Net Zero, we'd love to hear from you.

In this role, you'll be part of a team working on design and advisory projects in the energy sector, with a focus on electricity transmission and distribution networks. You'll also have opportunities to support projects across the wider Net Zero team and AtkinsRéalis business.

Some of our clients include National Grid, SSEN, and Ofgem, in addition to other organisations both in the UK and internationally. You'll gain experience delivering multi-disciplinary projects related to research and analysis (such as feasibility studies) and technical and modelling (such as Front-End Engineering Design).

Key duties may involve:

- Helping in researching topics and collating data to identify recommendations
- Supporting in Evaluation of transmission and distribution networks for new grid connections
- Developing designs for substations and electrical networks

In addition to technical work, you'll also have opportunities to get involved in project management, bidding and potential secondments, offering varied experience both internally and with clients. There are also opportunities to get involved in business development activities, such as the Net Zero Superheroes school competition, or Engineering Net Zero thought leadership.

To apply, please return to the main job specification