

## UK Resident Graduate Railway Traction Power Engineer

Are you looking to launch your career in railway electrification?

Would you like to work with world-leading simulation software to meet the challenges of powering complex rail networks?

Do you embrace steep learning curves and would like to contribute to global infrastructure projects?

We have immediate and upcoming opportunities to join our high-performing engineering and projects team, driven by rapidly expanding project demands and a strong pipeline of work.

As a Graduate Railway Traction Power Engineer, you'll apply your engineering skills and gain hands-on experience with advanced modelling tools to analyse both AC and DC traction power systems. You'll support the delivery of cutting-edge engineering solutions, develop key studies, and collaborate across multidisciplinary teams using industry-leading software tools.

At our Head Office in Sutton, Surrey, we value work-life balance and offer flexible and hybrid working arrangements to support our colleagues in doing their best work. Join us on a permanent or flexible basis and make your mark by helping to deliver innovation and excellence in traction power engineering.

### Key Responsibilities

- Develop end-to-end traction power system studies, including modelling and analysis (AC and DC)
- Carry out detailed engineering analyses and contribute to critical technical studies
- Collaborate with project stakeholders to ensure high-quality, on-time delivery
- Support and learn from experienced engineers within a high-performing team

### Why join us

- Work on major railway infrastructure projects in the UK and worldwide
- Develop your expertise in a supportive, knowledge-sharing environment
- Hone your skills, with our industry-leading power modelling and simulation software
- Work with globally-renowned experts in Europe's largest traction power team
- Competitive remuneration and benefits package

### Preferred Attributes

- Degree-qualified in Electrical or Power Engineering
- Working towards, or has aspirations to achieve, professional registration (e.g. Chartered Engineer or equivalent)
- Familiarity with simulation tools such as ETAP, PSCAD, DigSILENT, PowerFactory, OpenPowerNet or MATLAB/Simulink
- Good knowledge of electrical/traction power systems and relevant industry standards
- Interest or experience in undertaking studies including load flow, short-circuit, protection coordination, transient stability, and EMC studies
- Expertise in load-flow, short-circuit, transient-stability, protection-coordination and EMC studies

Apply now and help us meet the surging project needs brought on by our healthy sales pipeline - be part of a team that's redefining traction power solutions.

Please send your CV/resume and a brief cover letter highlighting your relevant experience, interests and career aspirations to [recruitment.uk@enotrac.com](mailto:recruitment.uk@enotrac.com)