

## National Grid Internship 2025 Program For Students

### Description

National Grid plc is a leading energy company responsible for managing the electricity and gas transmission networks in the United Kingdom. We are seeking an experienced Energy Systems Engineer to join our team. The Energy Systems Engineer will play a pivotal role in ensuring the reliability and efficiency of our energy systems, helping to shape the future of the energy landscape.

### Responsibilities

- Analyze and optimize the performance of the electricity and gas transmission networks.
- Develop and implement strategies to enhance energy system resilience and sustainability.
- Monitor energy system data, identify trends, and propose solutions to address operational challenges.
- Collaborate with cross-functional teams to design and implement innovative energy solutions.
- Participate in the development and execution of energy infrastructure projects.
- Provide technical expertise and guidance on energy system-related issues.
- Stay up-to-date with industry trends and regulations to ensure compliance.
- Conduct research and analysis to support the development of energy policies.

### Qualifications

- Bachelor's degree in Electrical Engineering, Mechanical Engineering, or a related field. Master's degree preferred.
- Professional Engineer (PE) license is a plus.
- Knowledge of energy transmission and distribution systems.
- Strong analytical and problem-solving skills.
- Excellent communication and teamwork abilities.
- Knowledge of energy regulations and policies is desirable.
- Project management experience is a plus.

### Experience

- Minimum of 3-5 years of experience in the energy sector or a related field.
- Experience in energy system modeling and analysis.
- Familiarity with renewable energy technologies and their integration into the grid.
- Experience with energy management software and tools.
- Prior involvement in energy infrastructure projects is a plus.

### Skills

- Analytical thinking and data analysis.
- Strong technical and engineering skills.

### Hiring organization

National Grid

### Employment Type

Intern

### Duration of employment

6 months

### Industry

Utilities

### Job Location

London, England, UK, E1, London, England, UK

### Working Hours

8

### Base Salary

10

### Date posted

July 4, 2025

### Valid through

20.09.2027

- Project management and organizational skills.
- Proficiency in using energy modeling software.
- Excellent communication and presentation skills.
- Ability to work independently and in a team.
- Adaptability and a willingness to learn.

### **Job Benefits**

- Competitive salary and performance-based bonuses.
- Comprehensive health, dental, and vision insurance plans.
- Retirement savings plans with company contributions.
- Career development and training opportunities.
- Flexible work arrangements.
- Employee assistance programs.
- Employee recognition and wellness programs.
- Opportunities to work on cutting-edge energy projects.
- Collaborative and inclusive work environment.

### **Contacts**

For inquiries or to submit your application, please contact our Human Resources department at [stcteam@nationalgrideso.com](mailto:stcteam@nationalgrideso.com) or visit our careers website at [www.nationalgrid.com](http://www.nationalgrid.com).

Join National Grid plc and be part of a dynamic team dedicated to shaping the future of energy systems in the United Kingdom. We are committed to diversity, equity, and inclusion, and we welcome applicants from all backgrounds to apply.