

Modelling Analyst

Reporting to Modelling and Analysis Manager

Based in either Teesside (Redcar) or Solihull with infrequent national travel

ABOUT SEMBCORP ENERGY UK

Sembcorp Energy UK (SEUK), a wholly-owned subsidiary of Sembcorp Industries, is a leading integrated energy business, providing flexible energy services and sustainable solutions supporting the UK's transition to Net Zero. With a 968MW portfolio of energy generation and battery storage in operation, our expertise helps major energy users and suppliers improve their efficiency, profitability, and sustainability, while supporting the growth of renewables and strengthening the UK's electricity system.

At Wilton International in Teesside, we supply private wire electricity, world-scale utilities, and specialist services to energy-intensive industrial businesses on the site, providing energy resilience, security, and cost advantages. These services are complemented by our fleet of fast-acting, decentralised power stations and battery storage sites situated throughout England and Wales. Monitored and controlled from our central operations facility in Solihull, these flexible assets deliver electricity to the national grid, helping to balance the UK energy system and ensure reliable power for homes and businesses.

For more information on Sembcorp Energy UK visit www.sembcorp.co.uk | [LinkedIn](#) | [Twitter](#)

ABOUT SEMBCORP INDUSTRIES

Sembcorp Industries (Sembcorp) is a leading energy and urban development player, driven by its purpose to do good and play its part in creating a sustainable future.

Leveraging its sector expertise and global track record, Sembcorp delivers innovative energy and urban solutions that support the energy transition and sustainable development.

Sembcorp has a balanced thermal and renewable energy portfolio of over 12,600MW, with more than 2,600MW of renewable energy capacity globally. The company also has a proven track record of transforming raw land into sustainable urban developments, with a project portfolio spanning over 12,000 hectares across Asia.

Sembcorp is listed on the main board of the Singapore Exchange. It is a component stock of the Straits Times Index and sustainability indices including the FTSE4Good Index and the iEdge SG ESG indices. For more information, please visit www.sembcorp.com.

Position Overview:

The modelling analyst role is in the Modelling and Analytics team within the Trading and Optimisation function of Sembcorp. The right person will support the production of fundamental GB power price forecasting for the group. Providing valuable insights to the business in terms of strategic appraisal, valuation of asset capability to asset optimisation. Additionally the role will include adhoc quantitative analysis and model development to support internal complex valuations. The right person will have an inquisitive nature, right first time approach and ideally have 2-3 years' experience in a quantitative or analytical role within industry.

Responsibilities:

- The analyst will be part of the fundamental analysis team. Maintaining a central view of the GB market fundamentals for a variety of business applications.
- Providing fundamental price reports and forecasts, whilst maintaining quality, validation and assurance.
- The role holder should be comfortable in identifying and understanding risks and their drivers, and communicating these to the wider team and business.
- Provide support and underlying analysis in the development of strategic recommendations for the Sembcorp UK business based on world class modelling.
- Develop and maintain a repository of pricing information, reports and forecasts.
- Work collaboratively with colleagues in the wider Trading and Optimisation team to deliver optimal outcomes for Sembcorp.
- Perform adhoc quantitative analysis and model development to support trading and business decisions.
- Aid with modelling and analysis to support the impact assessment of potential policy or regulation changes on Sembcorp, its competitors and consumers.
- Development of Capacity Market auction strategies supporting rationale through presentation and documentation.

Requirements:**Essential**

- Experience of model development or quantitative analysis in a commercial environment.
- Attention to detail and right first time approach
- Experience in translating the results of complex analysis into high-level messages which can be understood by senior decision makers.
- Programming experience in Python/VB/VBA/C++ is required.
- Right to work in the UK is essential.

Desirable

- Power Generation, Utilities or Energy industry experience would be ideal.
- Experience of manipulating data from SQL is beneficial.
- Experience in a quantitative role within a commercial industry setting.

Benefits:

- Competitive basic salary dependent on experience
- Discretionary performance-based bonus
- 26 days annual leave plus bank holidays
- Stakeholder Pension Scheme
- Private Health Insurance (currently covered by Aviva)
- Group Income Protection Scheme
- Life Assurance
- Flexible working
- Training and Development