The Company

Aurora Energy Research provides analysis on UK, European, and global energy markets. Our core belief is that rigorous modelling, rooted in robust theory and supported by detailed data, yields powerful insight over the medium- to long-run. Unquestionably independent, our analysis is designed to inform our clients' critical decisions and policy.

Aurora was founded in 2013 by five University of Oxford Professors, who have decades of experience at the highest levels of academia and energy policy. It is now a thriving, rapidly-growing company of 70+ staff with offices in Oxford and Berlin. Demand for our services is immense, in the UK and abroad, and we expect to grow to over 100 staff in the next few years, having opened our first European office in Berlin in late 2015. Our clients include many of Europe's major energy market participants.

Energy Modelling Analyst

Based in Oxford, you will contribute to our energy modelling efforts by developing analytical and computational tools, enhancing our modelling methodology, analysing data, formulating recommendations on future trends, and conveying insights to enhance clients' decision making. The positions have a focus on modelling energy commodities (notably electricity) markets, and suit a recent university graduate (MSc or PhD).

Required attributes:

- Excellent degree in Economics, Engineering, Mathematics, Computer Science or other quantitative field from a top university
- Top notch analytical ability, demonstrated, for example, through academic performance
- Ability to collect, analyse and interpret complex quantitative data and information
- Knowledge of one programming language, e.g. C++, Matlab, Python, R, Java, etc.
- Evidence of strong performance in team-oriented environments

Desirable attributes:

- Master's degree or PhD
- Technical excellence
- Knowledge of and interest in energy markets, and a belief that well-designed models significantly improve decision making
- Knowledge of statistical techniques and skill with statistical software

- Knowledge of an algebraic modelling language, such as GAMS (preferred) or AMPL
- Advanced knowledge of Excel including VBA

Successful candidates will work in a dynamic, highly intellectually stimulating and supportive environment. They will enjoy autonomy and the opportunity to substantially influence a major energy modelling project, and to grow into industry experts under the guidance of directors with deep experience applying academic insights to practical challenges.

The successful candidates would start as soon as possible. We will review applications as they are received.

Salary will be competitive. Applicants should send their CV and a brief cover letter to applications@auroraer.com. Please state your earliest possible start date.