

The Company

Aurora Energy Research is a young, dynamic, and fast-growing energy analytics company. We provide optimisation solutions and data-driven analytics on European and global energy markets that help our clients navigate the global energy transformation.

We were founded in 2013 by a group of University of Oxford academics on the premise that technological progress, and policies tackling climate change, render energy markets increasingly complex, but that this complexity yields to rigorous, sophisticated analysis and modelling.

Aurora is now a thriving, rapidly growing company of over 130 staff with offices in Oxford, Berlin, and Sydney. Demand for our services – spanning subscription research and consultancy – is immense, in the UK and abroad. We currently serve over 200 of Europe’s most influential energy sector participants, and we expect to grow beyond 150 staff over the next 18 months.

Energy Modelling Analyst (Global Commodities)

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 position has a focus on modelling global energy commodities (notably coal, gas, and oil) markets and suits 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
- Comfortable with economic theory and especially with the foundations of micro- and macroeconomics, and computable general equilibrium (CGE) models
- Knowledge of one programming language, e.g. GAMS, Python, MATLAB, etc.
- Top notch analytical ability, demonstrated, for example, through academic performance
- Evidence of strong performance in team-oriented environments

Desirable attributes:

- 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, e.g. R, Stata, etc.
- Experience of implementing CGE models in GAMS

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

We will review applications as they are received. Salary will be competitive with experience.

To apply, please submit your CV, a brief cover letter, your salary expectations and state your earliest possible start date to the following [link](#).