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 helps 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 100 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.

Technical Analyst

Based in Sydney, Australia, with an initial training period in Oxford, UK, you will contribute to the firm, by playing a key link role between Aurora's modelling team and the research and consulting teams. The role involves developing analytical and computational tools as well as all aspects of client engagement: helping identify issues, forming hypotheses, conducting analysis, and synthesising conclusions into recommendations.

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.

To apply, please click on the following link. Salary will be competitive. The successful candidates would start as soon as possible and we will review applications as they are received. Please state your earliest possible start date.