



Energy Market Engineer (M/F)

About Neoen

Neoen is one of the world's leading and fastest growing independent producers of exclusively renewable energy. Neoen has over 4.8 GW of solar, wind and storage capacity in operation or under construction in Australia, France, Finland, Mexico, El Salvador, Argentina, Ireland, Jamaica, Mozambique, Portugal, and Zambia. The company is also present in Croatia, Ecuador, Sweden and the USA. Neoen's flagship assets are France's most powerful solar farm (300 MWp) in Cestas, and the world's largest lithium-ion power reserve (150 MW / 193.5 MWh storage capacity) in Hornsdale, Australia.

A player in the fight against global warming and the energy transition, Neoen's mission is to design and implement the means to produce the most competitive renewable electricity, sustainably and on a large scale. As a responsible company whose long-term vision is reflected in a strong and sustainable growth strategy, Neoen is targeting more than 10 GW capacity in operation or under construction by end of 2025.

Neoen (ISIN Code: FR0011675362, ticker: NEOEN) is listed in Compartment A of the regulated market of Euronext Paris. For more information: www.neoen.com

Role purpose

Our **Energy Management Department** is looking for an **Energy Market Engineer** to join its European team, based in Paris.

As the renewable energy market evolves, some of Neoen assets are increasingly exposed to the electricity market:

- Because only part of the solar or wind assets are contracted through a long term PPA
- Because the PPAs may induce a market exposure (minimum or maximum contracted volume, defined hourly curves...)
- Because they can sell different services. For example, storage assets can be active on several frequency services or on the energy markets.

This is the case in Australia, Finland, Ireland, El Salvador, and Mexico today. Managing this growing exposure to energy markets and supporting Neoen development with market expertise and modelling are the main missions of the Energy Management Department. Historically settled in Sydney, the Energy Management Department recently added a team in Paris to manage our existing assets in Europe and Central America and support Neoen expansion in our different geographies.

As part of the Energy Management Europe team, the Energy Market Engineer will have the following responsibilities:

- Support Neoen ambitious expansion plans and contribute to commercial development by bringing combination of market expertise and quantitative analysis:
 - Build up and share expertise about regulatory frameworks and market structures (Energy markets, Capacity markets, Reserve markets...) in our different geographies, and also for new geographies explored
 - Assess market fundamentals and trends, monitor regulatory evolutions and elaborate go-to-market strategies



- Deliver quantitative long-term power analysis by leveraging external scenarios and models and developing internal ones
 - Build optimization and modeling tools and/or deliver data-driven analysis to support development of new business models (stand-alone storage, solar + storage, non-vanilla PPA...)
 - Convert quantitative observations into business and strategic recommendations
 - Support contractual negotiations with Neoen customers led by the local Development teams
 - In cooperation with the Finance team, model the value of innovative products (such as structured prices and options for instance) and analyze their potential impact on accounting and financial reporting
- Analyze and optimize the operations of our existing market-facing assets:
 - Identify, analyze and quantify merchant risk of our generation portfolio, and propose hedging strategies
 - Keep up to date with market conditions and performances of our batteries, and improve bidding strategies to maximize revenues
 - Contribute to the continuous improvement of our internal optimization and forecasting models

Candidate profile

The candidate will need the following skills and experience to succeed in this role:

- Master's Degree in Science, Engineering, Applied Mathematics, Finance or Data Science
- 5+ year experience in the energy industry with a strong understanding of electricity markets
- Past experience in long-term markets or financial modelling would be highly appreciated
- Strong analytical skills with experience of building models leveraging optimization and Data Science techniques
- Technical and programming skills in Python, including with libraries for Machine Learning (Keras, Scikit-Learn...)
- Fluent in English and French, Spanish would be a plus
- On the soft skills side, we are looking for someone:
 - Proactive, curious with a strong appetite for innovation and for proposing and exploring new ideas
 - Rigorous, organized and ready to work on several projects in parallel in a fast running and high skilled environment
 - Strong communication skills and appetite for international collaboration with teams located in more than 15 different countries

Conditions

Permanent contract

Based in Paris

Frequent travelling will be required (mainly to Europe, but also occasionally to Australia and Central America)

Starting date: as soon as possible

Please send your CV and cover letter to J r mie Yvon, Energy Market Manager Europe
jeremie.yvon@neoen.com