NEOEN

Engineering Project Manager

About Neoen

Neoen is one of the world's leading independent producers of exclusively renewable energy. Neoen has 5.4 GW of solar, wind and storage capacity in operation or under construction in Australia, France, Finland, Mexico, El Salvador, Argentina, Ireland, Portugal, Jamaica, Mozambique, and Zambia. The company is also active in Croatia, Ecuador, Italy, Sweden, and the USA. Neoen's flagship assets include France's most powerful solar farm in Cestas (300 MWp), and two of the world's largest lithium-ion batteries: Hornsdale Power Reserve (150 MW / 193.5 MWh) and Victorian Big Battery (300 MW / 450 MWh), in 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

Since 2012, Australia has been a key territory for Neoen. We have developed more than 2,000 MW of wind power, solar and storage projects. In 2014, the government of the ACT (state of Canberra) granted Neoen the major part of the capacity at stake in its tender process: the wind power project of Hornsdale, which increased to a capacity of 309 MW. These were the first steps in the establishment of Neoen in South Australia and was reinforced by the addition of the Hornsdale Power Reserve (100MW) in 2017 and its expansion in 2020 (bringing the capacity to 150MW). We are also present in Western Australia, New South Wales, Victoria and Queensland:

- WA: supply of off-grid electricity to a mine with a hybrid (solar/battery) plant
- NSW: 5 solar farms
- VIC: 1 solar farm (100MW Numurkah), 1 windfarm (200MW Bulgana), and the Victorian Big Battery, one of the world's largest batteries with an installed capacity of 300MW/450MWh are in operation at the end of 2021
- QLD: 1 solar farm (460MWp Western Downs SF) and 1 wind farm (200MW Kaban Wind Farm) being under construction.

Role purpose

Neoen is actively developing utility scale batteries in Australia and seeking to independently develop a bidding platform to pilot its battery fleet.

Therefore, our **Energy Management Department** is looking for an experienced **Engineering Project Manager** who will structure and manage the delivery of Neoen's own battery optimization system. Reporting to Head of Energy Management, the person will also be in interaction with Neoen Operations Control Centre (Canberra based).

Neoen Energy Management Australia team has already started the implementation of elements on such system relying on the expertise of Market managers and Quantitative analysts: this includes defining the optimization

function and the constraints associated, the first elements of price forecasting and the implementation of a bidding platform (the NeoBidder) for market bids of Neoen generation assets (wind and solar farms).

The main responsibilities will be the following :

- Define schemes for a large-scale battery revenue optimisation considering different revenue streams and technical, contractual and regulatory constraints
- Elaborate strategies to optimize the revenue of a battery fleet and lead the development of an algorithm to operate on Neoen batteries
- Implement the algorithm live on Neoen batteries and challenge the algorithms developed by battery providers
- Structure the IT architecture necessary to integrate Neoen algorithm into Neoen existing operational infrastructure with state-of-the-art levels of compliance, security and performance
- Model batteries revenue streams to evaluate and support batteries business cases
- Coordinate and manage internal and external (ANU partnership or interns) resources supporting the battery optimization project

Candidate profile

- Master's Degree in Science, Engineering, Applied Mathematics, Finance or Data Science
- Additional Business/Project management qualification would be a plus
- Good understanding of IT, Data analysis tools (Python, Pandas/data extraction and conversion in SQL, JSON…/ Business intelligence tools) and libraries for Machine Learning (Keras, Scikit-Learn…)
- Strong analytical skills with experience of building models leveraging optimization
- Well-developed computer skills and proficiency in MS Office
- Knowledge of the Australian energy markets and especially the NEM. Analysis of markets dynamics through the software Ez2view
- Working knowledge and understanding of renewable energy plants and equipment such as solar, wind or battery plants, auxiliary plant and high voltage infrastructure would be highly appreciated
- Understanding of AEMO's processes for bidding large scale batteries
- High level troubleshooting and problem solving skills and the ability to be technically innovative
- Excellent communication and liaison skills with the proven ability to effectively interact with a wide range of internal and external stakeholders, including colleagues at French HQ (fluency in French would be an advantage)
- Effective planning and organizational skills
- Autonomy

Conditions

Permanent contract
Salary : AU$110k – AU$120k (based on the profile)
Based in Canberra
Starting date: as soon as possible

Please send your application to Jean-Christophe Cheylus, Head of Energy Management at
careersaus@neoen.com