EDF TRADING
Job Description

Job title: Short Term Power Analyst

Reports to: Short Term Analytical Team Manager

Location: Paris - London

Company information

EDF Trading is a leader in the international wholesale energy markets. It manages a portfolio of assets which give it the ability to source, supply, transport, store, blend and convert physical commodities around the world. These capabilities enable EDF Trading to deliver essential asset optimisation services, risk management and wholesale market access to the EDF Group and its third party customers, helping them to realise the value inherent in their asset portfolios.

EDF Trading is active in the electricity, natural gas, LNG, LPG, coal and freight and environmental products markets. It is one of the largest wholesale market traders in Europe for power and gas, one of the main providers of energy management services for power generation companies in the US and a leading marketer of gas in North America. It is a leading US energy retailer for large commercial and industrial customers.

EDF Trading is a 100% owned subsidiary of EDF, a leader in the European energy market and an integrated energy company active in all areas of the business: generation, transmission, distribution, energy supply and trading. EDF Trading is the interface to the wholesale energy markets for EDF and its subsidiaries.

EDF Trading has around 1000 employees with offices in the UK, Europe, Singapore, China, the United States and Canada.

EDF Trading recognises the importance of attracting, retaining and developing diverse world-class professionals. We identify, foster and reward all talent, valuing and leveraging the diversity amongst our people to offer creative and innovative solutions.

EDF Trading is an equal opportunity employer.

Department

EDF Trading Markets Limited is the Paris Branch of EDF Trading and provides the base for the European Optimisation business. The optimisation of the EDF SA production assets on the European wholesale markets is conducted on a 24/7 basis by the Trading and Analytical Teams in Paris in close cooperation with the EDF Asset management. Optimisation and proprietary trading is conducted across multiple markets in two time frames;
- The day-ahead power trading activity of EDF Trading for France, Germany, Switzerland and Austria
- The day-ahead optimisation of the EDF Luminus portfolio in the Belgian market.
- The intra-day power trading activity of EDF Trading across Europe

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Position purpose

In order for EDF Trading to maximise the return from both the day-ahead and intra-day wholesale power markets, either from EDF generation assets or through proprietary trading, the traders require detailed, commercially focussed analysis produced on a timely basis.

In the front office, working closely with both the generation asset managers and the traders, the STAT team has a dual role covering both operational and development duties. At an operational level, the output from the STAT team is integral to the trading strategy employed by EDF Trading on the Day Ahead and Week Ahead Stage.

Main Operational Responsibilities:

- EDF system Risk analysis
  - Collating and analysing real time data relative to the EDF asset portfolio
  - The creation and running of specific risk analyses/scenarios related to the EDF asset portfolio for 3 different time frames (ID, DA, WA)
  - Directly communicating time critical information to the traders in Paris and in London

- Compile the EDF generation flexibility to be optimised continuously on the OTC market and through the EPEX submission.

- Build strategies to optimise EDF Luminus assets and build the order book for submission on Belpex

- Contribute to EDF-Trading's power market analysis across Europe and perform particular studies for the Trading and Origination teams

- Ensure compliance with regulatory requirements, including REMIT, through the consistent application of defined processes.

Main Development Duties:

- Take charge of critical tools used for front office operational shifts
- Develop and maintain tool mainly in VBA, Python or Java for analysis purpose

Ability to work under pressure, timeliness, accuracy and the ability to understand the wider commercial implications of the work are critical to being successful in this position.

The analyst will use his/her expertise to support the short term power trader while at the same time ensuring an effective operational relationship with the asset managers at EDF. He/she will be expected to take the initiative to continuously improve existing processes, tools and models with the aim of improving the overall management of the EDF portfolio and wholesale market positions.

Experience required

- Experience in either a commodities trading environment (for example trading, asset optimisation, risk management or portfolio analysis) or in a closely related working environment

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Technical requirements
- Fluent in French & English   - Educated to degree level, preferably with a high statistics or mathematics component   - Some experience of building/developing stochastic or deterministic optimisation procedures/models   - Must demonstrate strength in VBA and Python, and knowledge in Java and SQL

Person specification
As well as having strong analytical skills, attention to detail and enthusiasm the candidate needs to have a commercial approach to his/her duties. Similarly a flexible approach to problem solving and the ability to work under pressure are essential. Applicants for the role will also be expected to have strong communications skills with the confidence to work effectively with both power traders and asset managers.

Hours of work:	The analyst will spend over 50% of his/her time on short-term operational analysis which will require flexible working patterns as the STAT team are expected to provide analytical support during week-ends and public holidays. He/she will also spend some 15% of the time working in the EDF Trading London office liaising directly with the trading desk there. For the remainder of the time the analyst will be working on specific development or modelling work with the aim of improving existing stochastic/deterministic models and processes.