



## EDF CHINA DIVISION

### Job Description

Department	R&D	Work Place	Beijing
Job Title	Thermal Storage Process Engineer	Report To	Renewable and Innovative Generation team leader
HR contact	Mrs Christine ZHANG <a href="mailto:christine.zhang@edf.fr">christine.zhang@edf.fr</a>	Starting Date	September 2017

#### **YOUR MISSION**

Your mission is to work in the field of renewable energy, energy storage and innovative power generation system. Your contribution will cover the following topics: perform technologies assessment study, develop model for energy related system, follow experimental test campaign and interact with our Chinese research partners.

More specifically your first task will cover the techno economical assessment of seasonal underground heat storage technology based on operational data provided by a large scale demonstration project.

#### **YOUR WORK**

You will work in the Renewable and Innovative Generation team located at EDF China R&D Centre in Beijing.

Here below, a short list of tasks describing your job is presented:

- Understand the mainstream energy storage technologies including the global and Chinese market
- Support the renewable energy and storage experimental pilot operation and optimization
- Develop dynamic model of heat storage technology and other renewable technologies
- Perform techno-economic analysis of innovative technologies plants
- Participate to feasibility studies and pre-design for experimental pilot plant or new project
- Follow the progress of academic partnership
- Work within a multi-cultural team

#### **REQUIRED SKILLS**

- Strongly motivated candidates holding master degree or PhD degree in process engineering, thermal engineering or applied thermodynamics with basic training in heat and power storage.
- An academic or industrial experience abroad would be appreciated.
- Good communication skills and team spirit.

#### **LANGUAGE SKILLS**

- Chinese, mother tongue.
- Fluent English both written and spoken.
- French is a strong plus.

#### **CONTACT**

For applying this job, please send a cover letter and your CV both in Chinese and in English to:

Yann LE MOULLEC, [yann.le-moullec@edf.fr](mailto:yann.le-moullec@edf.fr)