



## EDF CHINA DIVISION

### Job Description

Department	R&D	Work Place	Beijing
Job Title	System Control 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 follow up of an innovative concentrated solar demonstration project including system modelling, test campaign execution and technology assessment.

#### **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:

- Support the concentrated solar power experimental pilot operation and optimization
- Develop dynamic model of power generation systems and innovative solutions
- Develop control scheme for new technology
- Perform techno-economic analysis of innovative renewable technologies
- Participate to feasibility studies and pre-design for experimental pilot plant or new project
- Follow the progress of academic and industrial partnership
- Work within a multi-cultural team

#### **REQUIRED SKILLS**

- Strongly motivated candidates holding master degree or PhD degree in automatic or process engineering with a good background in system control and command and dynamic modelling.
- 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)