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**Ref. 26/2022**

**Code:**

**Project:**

**Area: Energy Efficiency in Systems, Buildings and Communities Area**

**Area leader:**

**Group: Power Systems**

**Group leader: Dr. Jose Luis Domínguez García**

**TITLE: Recognised Researcher in the field of Grid Integration of RES**

## **JOB DESCRIPTION**

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The Power Systems Group announces the opening of a position as Recognised Researcher to work on different technical research projects in the fields of grid integration of renewable energies. The tasks to be carried out will be focused to the modelling, optimization and control of RES and electrical networks. Additionally, tasks related to operation and management of transmission and distribution networks are foreseen.

The professional is expected to actively participate in the IREC Energy SmartLab Team.

### **Qualifications and experience required:**

#### *Essential:*

- PhD in Electrical Engineering or more than 5 years of experience in research.
- Master and Bachelor in Industrial Electronics and Automatic Control, Electronics, Telecommunication, electrical engineering or similar.
- Experience in research industrial and/or competitive projects.
- knowledge on grid integration and optimization.
- Expertise in renewable energy modelling and control.
- Relevant publications in the field of renewable energy and grid integration.
- Experience in electrical grid modelling and control.

#### *Desired:*

- Experience in competitive project proposal preparation.
- Experience in programming.
- Knowledge on applied mathematics.
- Experience in international environments
- Experience in supervision

#### *Language required:*

Fluent in English; knowledge of Spanish or Catalan is a surplus.

#### *Personal Skills:*

- Team Worker
- Initiative in Research and Innovation
- Flexibility



Shaping Energy for a Sustainable Future

- Results-oriented
- Analytical and synthesis capabilities

**What we offer:**

Salaries will be paid in accordance with the IREC's salary policy, depending on the candidate's qualification and professional experience.

**How to apply:**

Send applications by email directly to HR office ([irecjobs@irec.cat](mailto:irecjobs@irec.cat)) and Dr. Jose Luis Domínguez ([jldominguez@irec.cat](mailto:jldominguez@irec.cat)) including CV, academic and professional records, and motivation letter.

Please, be aware that the evaluation will be done in a continuous manner, and the position will close as soon as a candidate is selected.

Please indicate **"Ref.26/2022"** in the subject

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