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Proposal for the Assignement of Experienced Researcher in the field of Grid Integration of RES (N.Ref.23/2020)

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TITLE: Experienced Researcher in the field of Grid Integration of RES

JOB DESCRIPTION

The Power Systems Group announces the opening of a position as Experienced 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 Engineer 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.
- Experience in advanced control theory.
- Experience/knowledge in cost assessment for renewable energy sources (e.g. wind and PV).

Language required:

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

Personal Skills:

- Team Worker
- Initiative in Research and Innovation
- Flexibility
- 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.



Shaping Energy for a Sustainable Future

How to apply:

Send applications by email directly to HR office (irecjobs@irec.cat) and Dr. Jose Luis Domínguez (jldominguez@irec.cat) indicate **"Experienced Researcher in the field of Grid Integration of RES (ref 23/2020)"** in the subject, including CV, academic and professional records, and motivation letter.