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Area: Electric Engineering

Head of the Area:

Group: Energy Systems Analytics

Head of Group: Cristina Corchero Garcia

JOB DESCRIPTION

Energy Management Systems Engineer

Energy Systems Analytics Group announces a position as Energy management systems (EMS) engineer. The tasks to be carried out will be mainly focused to technology development and implementation of energy management systems at laboratory and demonstration field level. These activities require knowledge of design and implementation of energy management systems, automation, controls and communication systems. Knowledge of renewables, energy storage, electric mobility and grid integration is advantageous.

This professional must be highly skilled in industrial applications and research projects with specific focus on energy management systems and, in particular, to experimental deployment of EMS systems. Capacity to work in a team, flexible, innovative, with initiative and problem solving skills. High level of analytical and synthesis skills.

Qualifications and experience required:

Essential:

MSc in controls and automation, electrical engineering or similar. Knowledge and experience in design and implementation of energy management systems, automation systems, communications and SCADA systems. Experience in design and operation of microgrids and smart grids components and systems for their applications with renewable energy, energy storage systems, electric mobility and grid integration.

Preferred:

Experience in industrial SCADA platforms and systems, programming languages (C, C++, C Sharp). Experience in the energy sector: wind energy, renewable energy sources and, in particular, in control and design of electrical systems within these fields of activity. Experience in international research collaborative projects and the execution of third party projects is desired.

Proven experience in industry will be an advantage.

Language required:

- English.

Personal Skills:

- Team Worker
- Initiative in Research and Innovation
- Flexibility
- Results-oriented
- Analytical and synthesis capabilities

Proposed Jury:

Presidència	Titular	Cristina Corchero
Vocal 1	Titular	Beatriz Amante
Vocal 2	Titular	Manel Sanmarti