

**Publish date March 23th 2023**

**Code: Ref. 21/2022**

**Group: Energy Systems Analytics Group**

**Group leader: Dra. Cristina Corchero García**

### **JOB DESCRIPTION – Energy Systems Analytics Project Engineer**

---

Energy Systems Analytics Research Group announces a position as Junior Researcher (R1). The candidates will work on research projects in the framework of energy systems analytics. The candidates will work in the fields of vehicle-to-grid integration, optimal energy management, demand-response management, flexible buildings, energy efficiency and smart grids.

This professional must be highly skilled in energy analytics and management tools. Capacity to work in a team, flexible, innovative, with initiative and problem solving skills would be valuable. High level of analytical and synthesis skills would be beneficial.

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

##### *Essential:*

- Master in energy engineering, industrial engineering, electrical engineering, or equivalent with knowledge and experience in energy analytics.  
or
- Master in Statistics and Operations Research, Applied Mathematics, Mathematical Engineering or similar with knowledge on energy sector.
  
- Skills are required for the following:
  - Energy sector and systems
  - Energy markets
  - Renewable energy sources
  - Electric vehicle
  - Analytics

##### *Language required:*

- Good communications skills in English.

*Personal Skills:*

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

**Salary:**

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

Send applications by email directly to ([irecjobs@irec.cat](mailto:irecjobs@irec.cat)), ) indicating Ref. 21/2023 in the subject of the e-mail, including CV, academic and professional records and motivation letter