



2022-IPR-C3-FGIV-019968

**FG IV - Electricity System Resilience and Risks
Specialist****POSITION FOR:**

Member of the contract staff FG IV – art. 3b of the Conditions of Employment of Other Servants
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>

WE ARE:

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre (JRC) is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <https://ec.europa.eu/jrc/>

The current vacancy is in the Energy Security, Distribution and Markets Unit of Directorate for Energy, Transport & Climate of the JRC. The Unit comprises of about 50 staff members based in the JRC Petten (NL), Ispra (IT) and Seville (ES) sites.

The Energy Security, Distribution and Markets Unit informs and supports the energy policy-making processes, particularly in the electricity and gas fields. Our Unit's activities are framed in the context of the EU's climate-neutrality policies, particularly the Green Deal and Digitalisation initiatives. Such policies call for a profound rethinking and transformation of our energy systems and markets, subjected to growing decarbonisation, decentralisation, electrification and digitalisation forces and trends.

More information on our Unit's power-related activities is accessible here: <https://ses.jrc.ec.europa.eu/>.

WE PROPOSE:

Amongst other activities, our Unit conducts tests and studies on electricity security and system resilience, which have to do with the power system's capability to deliver energy to the users. More in detail, we support the conception and implementation of the power system risk preparedness provisions and perform studies on the societal appreciation of energy security.

In this context, our Unit is looking for a new colleague tasked to:

- Supervise and conduct research activities on electricity system resilience and risk preparedness.
- Contribute to run power system/market models to assess electricity system and market dynamics in different scenarios.
- Interact with relevant governmental, regulatory, industrial (and other) stakeholders in the electricity field.
- Contribute to other Unit's activities on the power & gas systems and adjoining sectors (mobility, buildings, cities).
- Write and review scientific articles and reports.
- Participate in research projects and international cooperation activities.

This position offers varied tasks and access to advanced simulation tools and cutting-edge research infrastructure, in a friendly and multi-disciplinary team. It also offers opportunities for continuous professional development, training and participation in scientific and policy-relevant conferences/fora.

WE LOOK FOR:

In order to be successful in this role you should:

- Be passionate about working at the intersection of science and EU policy making in the energy field.
- Display knowledge of electricity system resilience and risk assessment methodologies.
- Possess energy system modelling and simulation experience.
- Be able to work in a team and in a multi-cultural environment.
- Be a dynamic, creative, motivated and proactive person with a strong sense of responsibility and

commitment to deliver.

- Be able to communicate and interact with different stakeholders.
- Have completed relevant university studies of at least three years (attested by a diploma) and at least 3 years of professional experience/PhD in a field relevant to the position such as (but not limited to) electrical/power system engineering, statistics and economics.
- Have an English level at least equivalent to B2.

INDICATIVE CONTRACT’S DURATION:

36 months initial contract with possible renewals up to maximum 6 years.

PLACE OF WORK:

Ispra (IT)

ELIGIBILITY CRITERIA:

Candidates for this contract agent post shall:

- (i) have passed a valid EPSO CAST selection procedure;

or

- (ii) be registered in the EPSO Permanent CAST https://epso.europa.eu/documents/2240_en

or

- (iii) be registered in the specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers> (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

RECRUITMENT POLICY:

The Joint Research Centre

- Cultivates a workplace based on respect for other people and the environment.
- Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.