



VACANCY NOTICE – 2023-IPR-C3-FGIV-022533

Scientific Project Officer - Energy Policies and Technologies

Type of contract	Member of the European Commission's contract staff, Function Group IV (article 3b of the Conditions of Employment of Other Servants)
Duration of contract	36 months (renewable up to maximum 6 years)
Area	Energy System Integration
Place of employment	Ispra (IT)
Indicative basic salary	3877,47 - 5616,29 € (applicable as of 1 st of July 2022) For more detailed information please consult: Working Conditions

WE ARE

The [Joint Research Centre \(JRC\)](#) provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society.

The current vacancy is with the Energy Security, Distribution and Markets Unit of the Directorate for Energy, Mobility & Climate, with a mission of providing scientific and technical support to energy security, energy digitalisation and market redesign initiatives in the context of the Energy Union/Green Deal actions and the Clean Energy Package provisions. Our staff (about 40) is split across the Petten (NL) and Ispra (IT) sites.

The work is within the Smart Grid Interoperability Lab, which, among others, develops strategies for Energy System Integration and the importance of smart grids in achieving the EU's energy and climate policy objectives

We offer:

This position offers a number of varied and interesting tasks in a friendly, multi-disciplinary and well integrated team to a motivated, flexible and reliable colleague.

WE PROPOSE

The jobholder will:

- Collaborate in the project on Clean Energy Technology Observatory (CETO) related to on the competitiveness of clean energy technologies.
- Actively participate in ERIGrid 2.0, which has a strategic importance for the SGILab allowing to: validate methods for power and energy systems; develop Co-simulation based approaches; implement Real-time simulations and HIL technologies and improve research infrastructure services through joint research activities.



- conduct extensive research in the area of real-time simulation of power systems, which represents a key technological instrument for an efficient design and analysis of carbonized energy networks.

WE LOOK FOR

The ideal candidate should have a degree in a relevant science subject or in engineering. A minimum of 3 years of research experience or a Ph.D is required.

The candidate should have power system-engineering background, knowledge of power systems with experience on strategies for protection and fault handling in digital substations. Knowledge on digital simulations, including open source platform for deploying hardware-in-the-loop and control-in-the-loop experiments with digital simulators are required.

Knowledge of power system integration and interoperability would be an advantage.

S/he should be able to work in a multi-disciplinary team of experts and have good communication skills with experts and non-experts.

Very good command of English (B2 level minimum) is essential.

HOW TO APPLY

If you are **already on a valid CAST FG IV reserve list**, or you **have already applied to one of the calls below**, you can directly submit your application at <http://recruitment.jrc.ec.europa.eu/?type=AX>.

If not, before applying to this position, **you must register** for one of the two following:

- the [Call for Expressions of Interest | EU Careers \(europa.eu\)](#) (CAST Permanent FG IV), which is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), or
- the [specialised call for researchers](#) (JRC Call COM/1/2015/GFIV – Research), which is mainly used by the JRC.

Note that each of the calls above has **different minimum eligibility requirements and different selection tests**.

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