



2016-IPR-F3-FGIV-7230

**FG IV Scientific/Technical project officer –
Power system static and dynamic modeller**

Position for:

**FG IV Scientific/Technical
project officer**

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

With 7 Scientific Institutes, 3 Corporate Directorates and the DG/DDG Office, the JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <http://www.jrc.ec.europa.eu>.

The Energy Security, Systems and Market Unit of the Institute for Energy and Transport, comprising of about 50 staff, supports the policy-making processes on electricity, gas and other energy related topics.

Within the ESSM Unit, the Smart Electricity Systems and Interoperability team (<http://ses.jrc.ec.europa.eu/>) performs independent scientific research and acts as in-house scientific consultant for EU policy-making actors with particular focus on the on-going transformations of smart electricity systems.

The Unit is looking for a candidate responsible for performing techno-economic analyses in the context of the ongoing and upcoming activities to support EU regions/member states (Baltic, Cyprus, etc) for the secure and efficient penetration of renewable energy onto the transmission and distribution grids.

The selected candidate is expected to contribute also to the growing activities of the smart grid-electric vehicle interoperability centre by interlinking desktop studies with hardware-in-the-loop testing.

Qualifications:

Candidates should have a completed university degree in Engineering, Economics or Science of at least three years attested by a diploma and at least five years of professional experience in energy technologies or, alternatively should have a PhD degree preferably with research experience in relevant fields.

A very good (B2) knowledge of spoken and written English is required. Very good writing skills (supported by a publications list), are essential.

Experience in electricity system/market modelling/analysis is an asset, as well as knowledge of power market regulation.

We look for a person with strong interest in energy issues, who will have a good aptitude of taking initiative, developing new concepts and be a strong team player.

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

Institute/Directorate Unit	<p>Institute for Energy and Transport Energy Security, Energy Systems and Market</p> <p>Further information: https://ec.europa.eu/jrc/en/institutes/iet</p>
Indicative duration	<p>12 months initial contract with possible renewals up to maximum 6 years</p>
JRC Site Country	<p>Ispra Italy</p>
Rules and eligibility	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff or have applied to the permanent open call for researchers FG IV: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers</p> <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p>