



2016-PTT-F3-FGIV-7264

**FG IV Scientific/Technical project officer –
Power grid and market expert**

<p>Position for:</p> <p>FG IV Scientific / Technical project officer</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>The Unit is looking for a candidate responsible for supporting Energy Union's policies on market design, reliable and flexible power system operation and adequate market development, conducting related desktop analysis and modelling activities.</p> <p>The selected candidate is expected to interact with colleagues working on more technology-oriented and physical layers of the smart grid/power system architecture and to expand strategic research streams within the JRC on energy/electricity target models for markets, interactions between day-ahead and intra-day markets with the electricity system operations and dynamics, renewed role of demand response at the transmission/distribution interface.</p> <p>Qualifications:</p> <p>The Candidate should have a completed university degree in Engineering, Physics, Mathematics, Chemistry Economics or similar of at least three years attested by a diploma and at least five years of professional experience or, alternatively should have a PhD degree preferably with research experience in relevant fields.</p> <p>Experience in electricity system/market modelling/analysis is an asset, as well as knowledge of power market regulation.</p> <p>A good knowledge (B2) of spoken and written English is required.</p> <p>Writing skills (supported by a publications list), are essential.</p> <p>We look for a person with strong interest in energy issues, who will have a good aptitude of taking initiative,</p>
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	<p>developing new concepts and be a strong team player.</p> <p>This position offers a number of varied and interesting tasks in a friendly and well integrated Unit to a motivated, flexible and reliable colleague.</p>
Institute/Directorate Unit	<p>Institute for Energy and Transport Energy Security, Energy Systems and Market</p> <p>Further information: http://ses.jrc.ec.europa.eu/</p>
Indicative duration	<p>12 months initial contract with possible renewals up to maximum 6 years</p>
JRC Site Country	<p>Petten</p> <p>The Netherlands</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:</p> <p>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>