



**2021-PTT-C3-FGIV-016308      FG IV - Energy systems economist/modeller**

<p><b>Position for:</b></p> <p><b>FG IV – (Project officer - Scientific)</b></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>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p> <p>Within the Directorate C for Energy, Transport and Climate, Unit C.3 "Energy Security, Distribution and Markets" aims at serving EC policy DGs in assessing the options to build more resilient, secure and fair power system and markets. The Unit does so by analysing power systems and markets across several Member States from a variety of perspectives (RES integration, Generation Adequacy, Load Flow, risk preparedness, system integration, integration with nuclear energy, etc.).</p> <p>The new CA will be responsible for the assessment of power systems for techno-economic studies, including modelling activities, to be carried out in conjunction with the rest of the Unit. The CA will have to contribute to economic analyses of the European power system for activities like monitoring of the electricity market, economic analysis of resources adequacy and electricity market functioning (e.g. bidding zones), and be able to use the various tools at disposal of the Unit (as an example R, Matlab, and similar, along with proprietary tools) as necessary. In addition, he/she will have to carry out scientific research on relevant topics.</p> <p>Qualifications: The candidate should have a doctoral diploma or a completed university studies of at least three years in the scientific fields in power engineering and/or Economics (or equivalent) and Modelling capabilities.</p> <p>The candidate must be able to work in a multi-disciplinary team, and have good communication skills with experts and non-experts.</p> <p>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.</p> <p>Very good command of English (B2 level minimum) is essential.</p>
<p><b>Directorate Unit</b></p>	<p>Directorate C for Energy, Transport and Climate Unit C.3 "Energy Security, Distribution and Markets</p> <p>Further information: <a href="http://ses.jrc.ec.europa.eu/">http://ses.jrc.ec.europa.eu/</a></p>
<p><b>Indicative duration</b></p>	<p>36 months initial contract with possible renewals up to maximum 6 years</p>

<b>JRC Site, Country</b>	Petten, the Netherlands
Rules and eligibility	<p>To be eligible for the position, the candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>You can be added to an EPSO reserve list, if you complete successfully an EPSO selection procedure.</p> <p>How to participate to an EPSO selection procedure?</p> <p>Apply either to the permanent EPSO call (CAST Permanent) <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a> or a specialised call for researchers <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</a></p> <p>The CAST Permanent reserve list is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union (EU) whereas the specialised reserve list for researchers (JRC Call COM/1/2015/GFIV – Research) is mainly used by the JRC.</p> <p>Only then you can apply for this specific position, through <a href="http://recruitment.jrc.ec.europa.eu/?type=AX">http://recruitment.jrc.ec.europa.eu/?type=AX</a>.</p> <p>Function Group IV contracts have a maximum duration of 6 years, including any period under renewal. More information is available here: <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a></p>