As the science and knowledge service of the Commission, the mission of the Joint Research Centre 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/](https://ec.europa.eu/jrc/)

This vacancy is within the Energy Security, Distribution, and Markets Unit of Directorate C - Energy, Transport & Climate, with a mission of providing scientific and technical support to the European Green Deal and the Energy Union in general. Our staff (about 50) are located in Petten (NL) and Ispra (IT).

The Unit is looking for a competent candidate whose main tasks will be to:

- collect data concerning gas and electricity demand and prices in the EU and other international markets and hubs,
- model the evolution of gas and electricity demand and prices and their interactions with relevant factors inside and outside the EU, and to
- contribute to other research projects of our Unit concerning energy security and energy markets, with an emphasis on developing cost-benefit analysis methodologies for evaluating energy infrastructure investments, e.g. in the context of support mechanisms for electricity, natural gas, carbon-dioxide network, and smart grids project proposals.
- write scientific publications

**Qualifications:**

The ideal candidate should have a degree in a relevant scientific area or in engineering or economics, together with a minimum of 3 years of research experience or a Ph.D.

A good understanding of the EU energy system, particularly gas and/or electricity, is essential. Experience in one or more of the following fields is highly desirable: application of data science to energy systems or markets, statistics, econometrics, energy economics, cost-benefit analysis, modelling of energy networks, and programming.

The candidate must be able to work in a multi-disciplinary team, and have good communication skills with experts and non-experts.

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. Very good command of English (B2 level minimum) is essential.
<table>
<thead>
<tr>
<th><strong>Directorate Unit</strong></th>
<th>Directorate C Energy Transport and Climate Unit C.3 Energy Security, Distribution and Markets Further information: <a href="https://ses.jrc.ec.europa.eu/">https://ses.jrc.ec.europa.eu/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indicative duration</strong></td>
<td>36 months initial contract with possible renewals up to maximum 6 years</td>
</tr>
<tr>
<td><strong>JRC Site</strong></td>
<td>PETTEN</td>
</tr>
<tr>
<td><strong>Country</strong></td>
<td>The Netherlands</td>
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</tbody>
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**Rules and eligibility**
The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.

Applicants to the following Calls for expression of interest can also be considered:

1. **CAST Permanent** - EPSO has launched in January 2017 an open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. Details available at the link below: https://epso.europa.eu/documents/2240_en

2. **Call COM/1/2015/GFIV – Research** - The JRC has launched in January 2015 a permanent call for researchers FG IV. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers


*Please note that due to the high number of applications received only shortlisted candidates will be contacted.*