



2015-PTT-F6-FGIV-5913

**FG IV Scientific/Technical project officer –
Energy Systems Modeller**

Position for:

**FG IV Scientific / Technical
Project Officer**

The Joint Research Centre (JRC) is the European Commission's in-house science service which employs scientists to carry out research in order to provide independent scientific advice and support to EU policy.

Further information is available at:
<https://ec.europa.eu/jrc/en>

The Contract Agent will contribute to the JRC's activities related to energy system-technologies modelling, and the evaluation of the impact of technology options and their systemic integration with respect to EU energy climate change and competitiveness policy drivers. S/he will contribute to the Unit efforts in supporting the Energy Union implementation, including in particular, its action on the integrated Strategic Energy Technology Plan. The work will be carried out in close collaboration with colleagues within the Institute and other Institutes of the JRC.

The tasks will include:

- Contribute to further developing, utilising, calibrating and testing the JRC-EU-TIMES model related tools and databases, with particular attention to energy technology innovation aspects.
- Contribute to the implementation of scientific and technical research.
- Contribute to the dissemination of scientific research, including the preparation of reports and scientific publications for peer review Journals.
- Contribute to the activities of the Unit related to energy system and power market modelling.

The ideal candidate should have a university degree in Engineering, Economics or Science related to energy or relevant research experience after the first degree giving access to doctoral studies. Prior knowledge in energy system models, and specifically modelling of energy technologies and the power sector is required. A PhD in a relevant field would be an advantage. Knowledge of optimisation tools and algebraic modelling languages such as GAMS is an advantage.

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.

Very good command of English is required. Very good drafting skills, particularly in English, supported by a publications list are essential.

Institute/Directorate Unit	Institute for Energy and Transport Energy Technology Policy Outlook Further information: https://ec.europa.eu/jrc/en/institutes/iet
Indicative duration	12 months initial contract with possible renewals up to maximum 6 years
JRC Site Country	Petten The Netherlands
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>