



2015-PTT-F6-FGIV-4693

**FG IV Scientific / Technical Support
Officer - Modelling Electricity Storage in
Power Systems/Markets and its Market
Valuation**

Position for:

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Technical Support
Officer - Modelling
Electricity Storage
in Power
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Valuation**

The Energy Technology Policy Outlook Unit of the Institute for Energy and Transport, comprising more than 50 staff, supports the development, implementation and monitoring of the EU's Energy Technology Policy – a key pillar for the integrated Energy and Climate Change Policy for Europe – through techno-socio-economic assessments and modelling.

The Contract Agent will contribute to further developing, utilising, calibrating and testing a European power dispatch/ unit commitment model, available in-house at the JRC. With the model she/he will evaluate electricity storage and other flexibility options within the context of power systems/markets. The Contract Agent will support the development of scenarios and analyses of the technology and economic aspects of the related modelling activity. The work will be carried out in close collaboration with colleagues within the Institute and other Institutes of the JRC. The preparation of reports and scientific publications are an integral part of the required tasks. It also involves contacts within and outside the Commission.

Qualifications:

The ideal candidate should have a university degree in energy related Engineering, Economics or Science or relevant research experience after the first degree giving access to doctoral studies. Prior knowledge in modelling of energy technologies and the power sector in the context of energy system or power market models is required. Knowledge of programming languages such as GAMS or Python is advantageous.

We look for a person with strong interest on 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.

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

Institute Unit	Institute for Energy and Transport (IET) Energy Technology Policy Outlook Unit (F.6) Further information: https://ec.europa.eu/jrc/en/institutes/iet
Indicative duration	12 months initial contract with a possible renewal up to maximum 72 months
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: http://ec.europa.eu/dgs/jrc/index.cfm?id=3730</p>