

Post-Doctoral Position in Energy Economics

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POST-DOCTORAL POSITION IN ENERGY ECONOMICS

Job offer of December 11, 2020

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DIW Berlin's department Energy, Transportation, Environment offers a

Post-Doctoral Position in Energy Economics (100%, 6 years).

We are looking for a post-doctoral research associate with a strong interest in energy economics and electricity sector modeling to join us as early as possible. The candidate is expected to be involved in the activities of the research group "Transformation of the Energy Economy", in particular to participate in ongoing research projects funded by German Federal Ministries BMWi and BMBF. We are especially interested in candidates with a strong background in quantitative modeling of energy markets.

Tasks

- Research foci:
 - Electricity sectors with very high shares of renewable energy
 - Coupling of energy sectors (electricity, heat, mobility, green hydrogen)
 - Developing an own research focus is possible and welcome
- Methods:
 - Quantitative modeling of energy markets

- In particular, further development and application of our open-source power sector model DIETER (diw.de/dieter )
- Expected output:
 - Peer-reviewed articles in leading international journals
 - Policy-relevant reports and project deliverables

Requirements


- Excellent dissertation in energy economics (or related fields)
- Very good knowledge of German and European electricity markets
- Substantial experience with quantitative energy modeling, in particular optimization models of the power sector
- A respective publication record, concerning both policy reports and journal articles
- Software: knowledge of the General Algebraic Modeling System (GAMS) and Python would be desirable
- Excellent writing skill
- Very good command of English
- Knowledge of the German and European energy research funding landscape, and ideally previous experience with acquiring / conducting research projects funded by German federal ministries or the EU

We offer

- An exciting research environment, including all benefits of DIW Berlin's international network
- Relevant work at the intersection of academia and policy consulting
- A competitive salary according to German TVöD
- A creative and pleasant working environment and an international team

We highly appreciate diversity and are thus pleased to receive any application - irrespective of gender, nationality, disability, or ethnic and social background.


Applicants should submit a cover letter, a sample of written work, a detailed curriculum vitae, and copies of degree certificates. **Please apply online by January 24, 2021, stating the reference number EVU-1-20.**

Information on DIW Berlin is available under www.diw.de . For all further information on the job opening, please contact Dr. Wolf-Peter Schill (wschill@diw.de).



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DIW Berlin

Founded in 1925, DIW Berlin (the German Institute for Economic Research) is one of the leading economic research institutes in Germany. The Institute analyzes the economic and social aspects of topical issues, formulating and disseminating policy advice based on its research findings. DIW Berlin is part of both the national and international scientific communities, provides research infrastructure to academics all over the world, and promotes the next generation of scientists. A member of the Leibniz Association, DIW Berlin is independent and primarily publicly funded.



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