





Supported by: NEXT ENERGY

> EWE-Forschungszentrum für Energietechnologie e.V.



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Federal Ministry

and Energy

for Economic Affairs

The OpenEnergy Platform (OEP)

A web-platform to improve transparency and reproducibility of energy system analyses

Objectives and Technical Properties

Main Objectives

The developed modules of the OEP help to increase transparency, reproducibility and quality in energy system research. Each module focusses on a specific aspect of the process from raw data to result data. The OEP aims at giving support to modelers to provide a proper documentation of the code and assumptions used for a publication. It also provides the possibility to directly connect a model to the database to import and export data using an API. The implemented modules and tools as well as new planned features are discussed, developed and revised collaboratively at the openmod workshops, at project meetings and different online discussion platforms to achieve common solutions to improve transparency.

Related Projects



Technical Properties

The platform software is written in *Python* and *Django* and the source code is published under the open software license AGPL-3.0.

Modules and functions of the OEP



Openi	Energy Plat	form	Datab	ase Fac	tsheets 👻	Literature	Discussio	on Wiki -				
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	1	2		24384	24023	24175	0.00058	0.00312	0.00000	280		
	1	3		24385	27049	4153	0.00061	0.00329	0.00000	280		
	1	4		24386	25358	28167	0.00064	0.0034098	0.00000	280		
	1	5		24387	1080	25358	0.00043	0.00232	0.00000	280		
	1	6		24388	24517	24096	0.00064	0.00342	0.00000	280		
	1	7		24389	27365	23704	0.00065	0.00351	0.00000	280		
	1	8		24390	25825	26722	0.00070	0.00376	0.00000	280		
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Access & Participate

Visit and use the OEP http://oep.iks.cs.ovgu.de/ Meet the developers

You can meet us at the openmod workshops. https://wiki.openmod-initiative.org/wiki/Events

Get involved and contribute

You are invited to join our discussion if you have suggestions or you want to get involved in the development.

https://github.com/openego/oeplatform

You can access all modules on the internet without restrictions. In order to participate and contribute you must create a user profile. You can give information about your person and your qualifications and get in contact with other users and researchers. You are welcome!

Acknowledgment

Contact & Copyright

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