

Upper Rhine Cluster for Sustainability Research

Researchers Profil

Name, Position & Affiliation

Prof. Dr. Anke Weidlich

Professor for Energy Systems and Energy Economics

Hochschule Offenburg



Expertise in relation to the topics of the URCforSR (include max. 3 related and recent publications)

Sustainable energy economics, smart grids, flexibility in power systems, modeling and simulation

- *Bolívar, L. & A. Weidlich (2016): Optimal Microgrid Scheduling with Peak Load Reduction Involving an Electrolyzer and Flexible Loads. Applied Energy 169, S. 857-865.*
- *Künzel, T. & A. Weidlich (2016): Methodik zur Quantifizierung der Grenzkosten flexibler Systemkomponenten, 3. Konferenz Zukünftige Stromnetze für Erneuerbare Energien, S. 110-114, Berlin.*
- *Weidlich, A. (2015): Nachhaltige Energiewirtschaft, Studienbrief im Kontaktstudium Energiewirtschaft, Zentrum für Mediales Lernen, Karlsruher Institut für Technologie, Karlsruhe.*

Special Interests in the topics of the URCforSR

- *Sustainability concepts in the context of energy supply*
- *Cross-border flexibility in the electricity system*
- *Decentralized and renewable energy supply systems*
- *Energy efficiency and demand reduction*

What you are searching for regarding the cooperation within the URCforSR

- *Joint PhD projects*
- *Future EU-funded research projects*
- *Regular exchange with open-minded experts*