

EIZ Research Seminar

»Leveraging Flexibility for Power System Planning and Operation«



29th January 2026

2:00 - 3:30 pm



FZ3E

Room 2.26/2.27



The resilient operation of modern power systems requires more flexibility from connected units, such as generation, storage and demand, than in the past. Providing flexibility, however, requires proper modeling and coordination of available flexibility from diverse resources. The talk presents the general research questions around power system flexibility and recent contributions.



Prof. Dr. Andreas Ulbig, a Swiss-German power systems engineer, holds the Chair for Active Energy Distribution Grids at the Institute for High Voltage Equipment and Grids, Digitalization and Energy Economics (IAEW) at RWTH Aachen University. He also leads the Group for Electrical Energy Systems at the Fraunhofer Center for Digital Energy, which combines the expertise of Fraunhofer FIT and RWTH Aachen University at the interface between IT and energy technology. He is vice president of the Swiss Energy Foundation (SES) and serves on the board of VDE's Energy Technology Society (ETG) as well as the scientific advisory board of FGH. He is an active member of IEEE (PES, CSS), CIGRE and VDE (ETG, FNN).

This project is funded by the German government with funds from the Structural Development Act (Strukturstärkungsgesetz) for coal-mining regions and co-financed with funds from the state of Brandenburg.

Gefördert durch:



Brandenburgische
Technische Universität
Cottbus - Senftenberg



Die
Bundesregierung

aufgrund eines Beschlusses
des Deutschen Bundestages



LAND
BRANDENBURG

Gefördert durch:



Bundesministerium
für Forschung, Technologie
und Raumfahrt