

Announcement of a topic for a thesis (Bachelor/Master)

Topic

Critical Infrastructure of Distribution System Operators (DSO) and Transmission System Operators (TSO) outside Germany

Objective

- Investigation and analysis of critical infrastructure of DSOs and TSOs outside Germany
- Assessment of their role, challenges, and best practices in maintaining energy security and reliability
- Identification of lessons that could benefit Germany's energy landscape

Key aspects

- Case studies:
 - Key characteristic of DSOs/TSOs infrastructure,
 - Governance structures
 - RE integration and smart grid technologies
 - Grid resilience and stability
- Challenges faced by DSOs and TSOs
- Best practices and innovations

Methodology

- Combination of literature research, case study analysis and possibly expert interviews

Contact

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