

Electricity demand forecasts in the scientific literature – a review study

Motivation

Predicting electricity demand is of significant importance at different grid levels and for different applications and planning horizons. The scientific literature has also been dealing with the topic for a long time. An overview study can help to present the state of research and to identify possible topics in which there is still a particular need for research.

Task

The task is to conduct a systematic literature search and to classify the studies into categories to be determined. Determine the frequency of methods used, applications addressed, planning horizons targeted, etc.

Expected results

Students are expected to hand in substantiated report. A stretch goal would be an additional short paper for a conference.

Title German

- Strombedarfsprognosen in der wissenschaftlichen Literatur - eine Übersichtsstudie

Level (Ambition: medium)

- Bachelor thesis
- Master thesis

Methodology

- Literature research

Special prerequisites

- Reading and structuring

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