

# Electricity demand forecasts in practice - an assessment of the benefits from forecasting

## Motivation

Forecasting electricity demand is important at different grid levels and for different applications and planning horizons. However, the value that forecasts generate is not known. Better knowledge could promote the use of forecasts or steer the use of forecasts in the right direction.

## Task

Within the scope of the work, a specific application of predictions will be selected and a benefit analysis will be performed. Ideally, the benefit is evaluated in monetary terms. For this purpose, the literature but also interviews with experts and conceptual considerations can provide insights.

## Expected results

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

## Title German

- Stromnachfrageprognosen in der Praxis - eine Bewertung des Nutzens von Prognosen

## Level (Ambition: high)

- Master thesis

## Methodology

- Literature research

## Special prerequisites

- Reading, modelling, interviews, and structuring

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