

BENCHMARKS FOR GRID FLEXIBILITY PREDICTION: ENABLING PROGRESS AND MACHINE LEARNING APPLICATIONS

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- Grid flexibility is hard to measure.
- How should we implement more grid flexibility?
- A benchmark is needed!

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 - Reproducibility can not be guaranteed

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3. Extra requirements:
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 - Power system specification
 - A base load consumption for each player

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- Label data with the maximum flexibility achievable
- Learn from the pairs (grid with consumers, maximum flexibility) the relevant features of Dataset
- Use the learned model to predict flexibility in new grids

THE END

More details in the paper