BENCHMARKS FOR GRID FLEXIBILITY

PREDICTION: ENABLING PROGRESS AND MACHINE LEARNING APPLICATIONS

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April 10, 2020
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- A benchmark is needed!
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  - Reproducibility can not be guaranteed
BENCHMARK 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