

Brauner

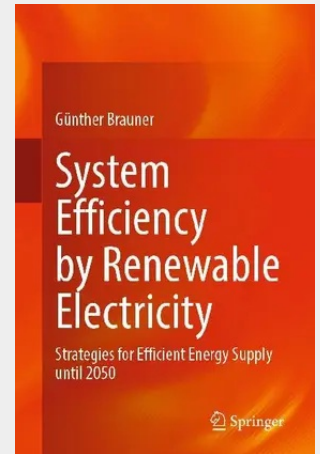
System Efficiency by Renewable Electricity

Strategies for Efficient Energy Supply until 2050

In this book, a more detailed analysis is performed on the basis of quarter-hourly time series of the supply of wind energy and photovoltaics. The end use including electromobility is also presented with more detailed time series of the load profiles for summer and winter and thereby for weekdays and weekends in each case. The subsequent analysis clarifies whether the renewable potentials are sufficient, what the optimal generation scenarios and infrastructures of the future could look like, and what the situation is with regard to affordability and environmental compatibility.

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