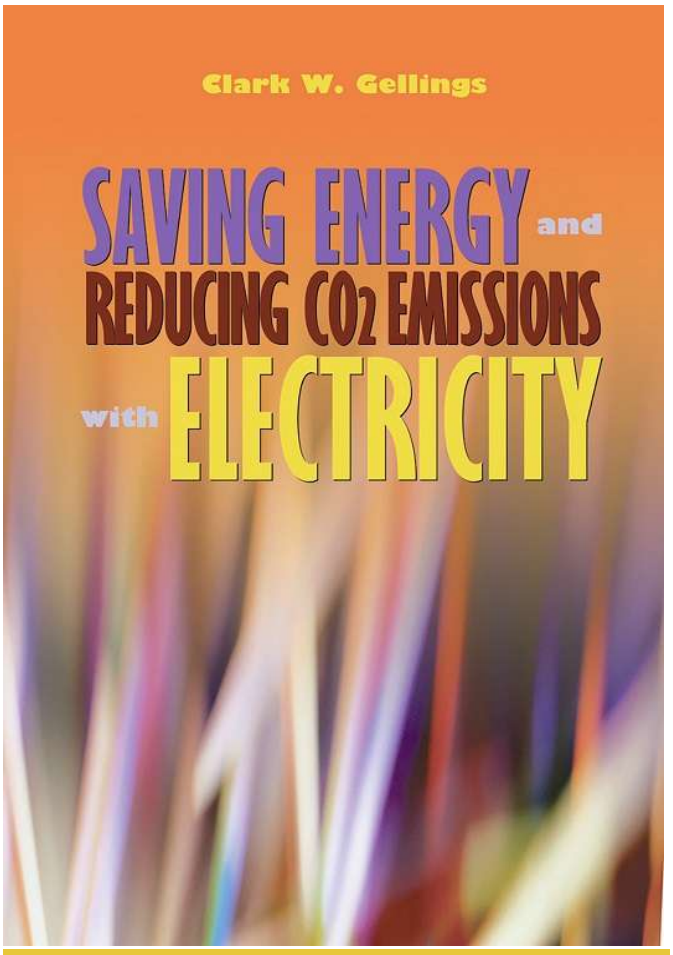
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# Saving Energy and Reducing CO2 Emissions with Electricity

**Author:** Clark W. Gellings

The upcoming decrease and possible elimination of the use of fossil fuels will be a result of the ongoing imperative to make existing uses of electricity efficient and practical. This book guides the reader toward electrification with explanations on the concept of electrification and of CO2 reductions through expanded end-use applications of electricity. Topics covered include electric cars; airport, seaport, railroad and mining electrification; industrial uses of electricity in a variety of processes; residential building use of electricity; enhancing energy efficiency and demand response.




## River Publishers Series in Energy Sustainability and Efficiency

**ISBN:** 9781439870129
**e-ISBN:** 9788770222952
**Available From:** April 2011
**Price:** $ 160.00

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