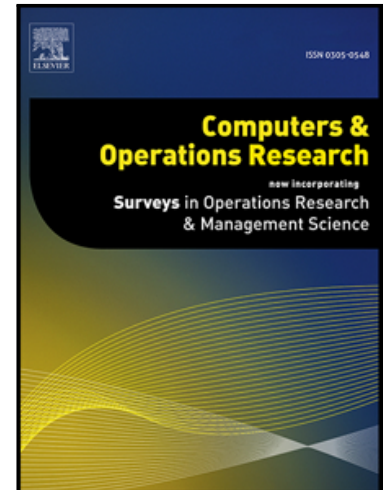


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An Optimization Portfolio Decision Model of Life Cycle Activity-based Costing with Carbon Footprint Constraints for Hybrid Green Power Strategies

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Highlights

- A Mixed integer linear programming model is developed for green power strategies.
- Green electric power system life cycle with consideration of the carbon footprint.
- Activity-based costing is applied in green power strategy decision evaluation.
- The capacity expansion and price elasticity of limited resources are considered.

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