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Cooperation Model in the Electricity Energy Market using Bi-level Optimization and Shapley Value

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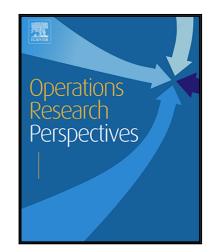
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1 Highlights

- A cooperation model among agents in the electricity market are presented. The model considers two cooperation schemes.
- The first scheme is a vertical cooperation between a generation company and several marketers. The Bi-level optimization was used in this case.
- The second scheme is a horizontal cooperation between the marketers.
 The Shapley Value was used in this case.

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