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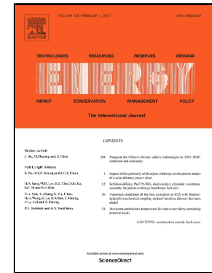
An integrated source-grid-load planning model at the macro level: case study for China's power sector

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- We propose an integrated source-grid-load planning model at the national level.
- Generation sources, transmission grids and load side resources are all considered.
- The case study of China verifies the effectiveness of this novel planning model.
- The optimal development scheme for China's power sector till 2030 is worked out.
- Policy recommendations are concluded based on analysis of the planning results.

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