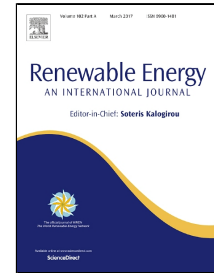


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Increasing the share of renewables through adsorption solar cooling: A validated case study

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HIGHLIGHTS

- A design tool in TRNSYS for mid-size thermal solar cooling systems is presented
- Validation of the model with data of a real system has been accomplished.
- The energy analysis has highlighted the possibility of obtaining SCF=1
- The Specific Utilization Factor has been defined as design parameter.

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