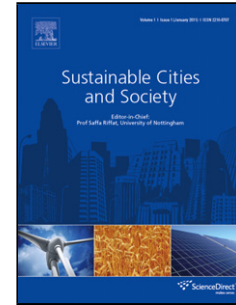


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Evaluation of Ice Thermal Energy Storage (ITES) for commercial buildings in cities in Brazil

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Highlights

- ITES can effectively shape peak demand in commercial buildings in Brazil;
- ITES must be considered in AC load management due to impacts on grid peak demand;
- ITES generated economic gains but also losses in commercial buildings in Brazil;
- Economic gains are dependent on the cooling load profile, ITES strategy and tariff;
- Tariffs could be designed to incentivise AC load management measures such as ITES;

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