

The aim of this work is to study the effects of utilizing cleaner technologies in district heating networks and assess their contribution to the energy transition within densely ...

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This study investigates the thermal performance of cabinet-type solar dryer using paraffin wax-based NEPCM



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enhanced with 0.5% functionalized multi-walled carbon nanotubes (FMWCNT). ...

Modern desalination plants rely heavily on reverse osmosis, a process improved by membrane technology and energy recovery systems to reduce costs and environmental footprint. Emerging innovations also include hybrid desalination ...



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