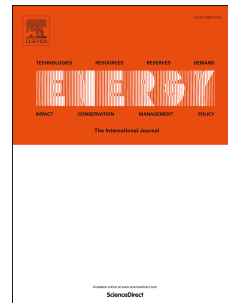


Accepted Manuscript

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PII: S0360-5442(18)31272-6

DOI: [10.1016/j.energy.2018.06.207](https://doi.org/10.1016/j.energy.2018.06.207)

Reference: EGY 13249

To appear in: *Energy*

Received Date: 16 March 2018

Revised Date: 26 June 2018

Accepted Date: 28 June 2018

Please cite this article as: Yang H, Wang Y, Yu Q, Cao G, Sun X, Yang R, Zhang Q, Liu F, Di X, Li J, Wang C, Li G, Low-cost, three-dimension, high thermal conductivity, carbonized wood-based composite phase change materials for thermal energy storage, *Energy* (2018), doi: 10.1016/j.energy.2018.06.207.

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Low-cost, three-dimension, high thermal conductivity,
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Abstract

Thermal energy storage is important for energy saving and social developing. Low-cost, high thermal conductivity, form-stable composite phase change materials are urgent in energy storage and management. In this work, a novel carbonized wood-based composite phase change materials (TDCW) are fabricated by impregnating of 1-tetradecanol (TD)

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