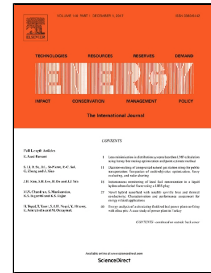


Accepted Manuscript

Investigation on solar assisted liquid desiccant dehumidifier and evaporative cooling system for fresh air treatment

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PII: S0360-5442(17)31829-7
DOI: 10.1016/j.energy.2017.10.124
Reference: EGY 11768
To appear in: *Energy*
Received Date: 22 May 2017
Revised Date: 13 September 2017
Accepted Date: 27 October 2017



Please cite this article as: Yi Chen, Hongxing Yang, Yimo Luo, Investigation on solar assisted liquid desiccant dehumidifier and evaporative cooling system for fresh air treatment, *Energy* (2017), doi: 10.1016/j.energy.2017.10.124

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Highlights

- The model of solar assisted LDD-RIEC semi-centralized A/C system is established.
- The extraction air ratio of RIEC is optimized at system level.
- The influences of solar collector area and inlet air conditions are investigated.
- The energy saving ratio is evaluated under various operating conditions.

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