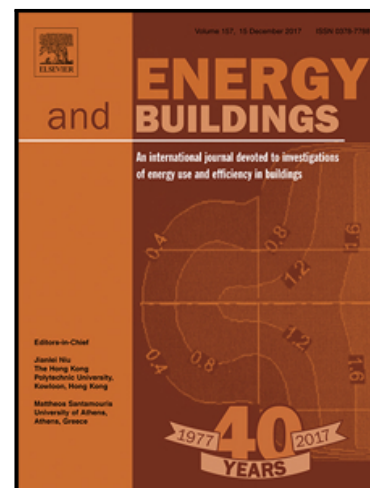


Accepted Manuscript

Optimization model for evaluating on-site renewable technologies with storage in zero/nearly Zero Energy Buildings

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PII: S0378-7788(17)33711-8
DOI: [10.1016/j.enbuild.2018.04.027](https://doi.org/10.1016/j.enbuild.2018.04.027)
Reference: ENB 8500



To appear in: *Energy & Buildings*

Received date: 10 November 2017
Revised date: 3 April 2018
Accepted date: 16 April 2018

Please cite this article as: Rosa Esperanza González Mahecha , André F.P. Lucena , Alexandre Szklo , Paula Ferreira , A.Ismael F. Vaz , Optimization model for evaluating on-site renewable technologies with storage in zero/nearly Zero Energy Buildings, *Energy & Buildings* (2018), doi: [10.1016/j.enbuild.2018.04.027](https://doi.org/10.1016/j.enbuild.2018.04.027)

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Highlights

- An hourly-basis mixed integer linear model for energy production in buildings is presented
- Model is tested and validated using virtual data.
- The proposed model is well suited to analyze nZEB options
- Optimal sizing and operation are shown as a result for a case study in Portugal.

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