

# Accepted Manuscript

The impact of energy storage in power systems: the case of Brazil's Northeastern Grid

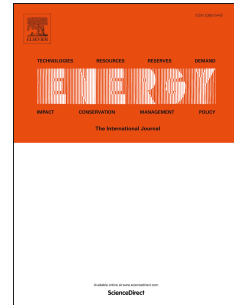
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PII: S0360-5442(17)30064-6

DOI: [10.1016/j.energy.2017.01.064](https://doi.org/10.1016/j.energy.2017.01.064)

Reference: EGY 10199

To appear in: *Energy*



Please cite this article as: Isabela Alves de Oliveira, Roberto Schaeffer, Alexandre Szklo, The impact of energy storage in power systems the case of Brazil's Northeastern Grid, *Energy* (2017), doi: 10.1016/j.energy.2017.01.064

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## Highlights

- A novel Mixed Integer Linear dispatch model for interconnected power systems
- A linear model for storage devices such as CAES, PHS, Batteries and AA-CAES
- An application is made to the Brazilian Northeast power system case
- The impact of storage devices on power systems with renewable sources

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