

# Accepted Manuscript

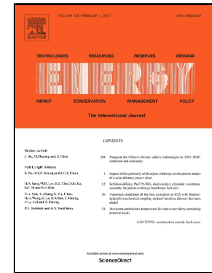
The energy analysis of hybrid hot tap water preparation system based on renewable and waste sources

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**Highlights**

- Hybrid hot tap water preparation system was analyzed using two methods.
- The outcomes of both per-month and hour-by hour methods turn out convergent.
- Hybrid hot tap water preparation systems design guidelines were developed.
- The share of the renewable and waste energy was high for analyzed system.
- Knowledge about systems with gas tube heaters' exhaust economizer was extended.

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