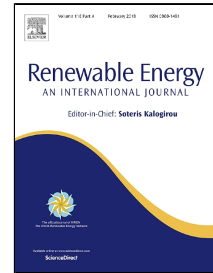


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Scale-up of a downdraft gasifier system for commercial scale mobile power generation

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Highlights:

- Performance of scaled-up 60 kWe gasifier was studied using redcedar and switchgrass
- Optimum ER for switchgrass gasification was in the range of 0.22 to 0.28
- The recommended ER for redcedar gasification was 0.24
- Gasification performance of redcedar was superior to switchgrass

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