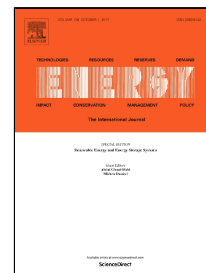


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Experimental Testing of a Small-Scale Two Stage Organic Rankine Cycle Engine Operating at Low Temperature

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Research Highlights

- ORC engine was tested for single and two-stage configurations at 130°C
- At low heat input the first expander is by-passed
- Flexible and efficient operation even at low heat input
- Max. thermal efficiency for two-stage operation is 8.8% and max. production: 7.5kWe
- Investigation of performance in several other HTF temperatures

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