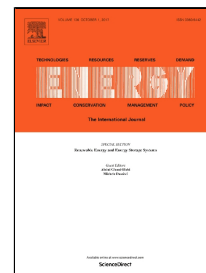


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Life cycle and economic assessment of multi-stage blast furnace slag waste heat recovery system

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Highlights

- (1) Multi-stage blast furnace slag waste heat recovery system was proposed;
- (2) Energy and resource consumption were calculated in slag waste heat recovery system;
- (3) Life cycle assessment on the multi-stage waste heat recovery system was carried out;
- (4) Economic profit and CO₂ tax in the slag lifetime were calculated.

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