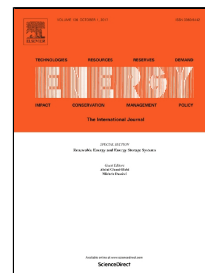


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Upgrading of Jatropha-seed Residue after Mechanical Extraction of Oil via Torrefaction

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Highlights

- Jatropha-seed residue after oil extraction (JME) is upgraded by torrefaction.
- The residual oil of biomass has positive effect on H_{HD} .
- H_{HD} of torrefied JME (JME_T) is higher than 23.01 MJ kg^{-1} .
- H_{HD} of JME_T satisfies with industry fuel requirement of Taiwan Power Co.
- H/C and O/C ratios of JME_T shifted towards those of sub-bituminous coal.

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