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Bioenergy potential from crop residue biomass in Araucania Region of Chile

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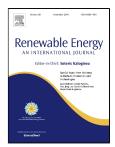
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## ACCEPTED MANUSCRIPT

### Highlights

- 1. The residual biomass quantities were estimated by two method
- 2. The Residue-to-Product Ratio method provided more realistic values than Unused Residue Coefficient method
- 3. Fluidized bed gasifiers and combusters were assessed in combined cycle and steam turbine mode, respectively

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