



Guzhen biomass plant, China

The project replaces fossil fuel use by utilizing local surplus biomass residue to generate sustainable electricity for East China.

Location



The project is located in eastern China. Guzhen county is an important agricultural region of Anhui province.

Project



In this project, crop residues, mostly rice straw, maize straw, peanut straw and wood residues are used as fuel for power generation. Before the project implementation, the biomass was dumped, burned in an unregulated manner, or left to decay under mainly aerobic conditions. Today, thousands of tonnes of biomass per year are collected and transformed into carbon neutral energy for the wider region.

Thanks to the project activity, additional income for hundreds of farmers and their families in the wider region is being provided. With the sustainable energy fed into the East China Grid, about 130'000 tCO₂e of fossil fuel emissions are being saved from entering the atmosphere.

Checklist Project 301 494

✓ Additionality and permanence:	according to the rules of the VCS
✓ 3 rd party verified:	by re-consult
✓ Transparency:	provided by APX Registry
✓ Annual CO ₂ reduction:	132,000 tCO ₂ e
✓ Social and environmental benefits:	as documented in our database
✓ Marketing material:	high resolution pictures available

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