



PIZHOU BIOMASS CHINA

Improving lives with renewable
energy



The Pizhou Biomass Plant uses agricultural waste residues to supply renewable electricity to the East China Power Grid. Prior to the construction of the power plant agricultural residues were left to decay or burned in the open air.



*Creating jobs and
reducing the use of
fossil fuels.*

The Jiangsu Pizhou Biomass Power Plant generates renewable energy from local biomass residues, mainly wheat straw, maize stalks and wood residues. The plant has an installed capacity of 30 MW and burns around 260,000 tonnes of biomass to generate approximately 210,000 MWh renewable energy per year. The agricultural waste is collected from the area near the project, providing an additional source of income for local farmers.

The power plant supplies renewable electricity to the East China Power Grid (ECPG), contributing to grid stabilization and the diversification of supply sources. It is estimated that the project will reduce emissions by about 142,000 tonnes of carbon dioxide equivalents per year.

PROJECT HIGHLIGHTS



210,000
Clean renewable
energy generated
per year (GWh)



80
Number of
permanent jobs
created



142,000
GHG emissions
reduced in relevant
year (tCO₂e)

For more information on the UN Sustainable Development Goals please visit: <http://www.un.org/sustainabledevelopment/sustainable-development-goals/>

CHECKLIST PROJECT

Commercial Operation Date

24 October 2015

Total capacity

30 MW

Quality Assurance and Verification

In accordance with the I-REC Code

Transparency

I-RECs listed in I-REC Registry
(<https://registry.irecservices.com/Public/Home/>)

Marketing material

High-resolution pictures available

Reportability

Meets GHG Protocol Scope 2 Guidance criteria

I-RECs Standard



I-RECs reportable under

