

CHINA: GAOYOU 4 MW BIOMASS POWER GENERATION

Kyoto Mechanism:	Clean Development Mechanism
Project Category (UNFCCC):	AMS.I.D. „Grid connected renewable electricity generation“
Location:	Jieshou Town Agriculture Ecological Garden, Gaoyou City, Jiansu Province, China
Emission Reductions :	75,929 t CO _{2e} annually

Gaoyou 4MW Biomass Power Generation Project is located in Jieshou Town Agriculture Ecological Garden, Gaoyou City, Jiansu Province. The project will use the fixed-bed gasification module technology to produce methane gas which powers the gas-fired turbine. The generator is driven by a gas-fired turbine to produce electricity. After its construction, the proposed project will use about 28,000 tons of straw annually to generate about 28,000MWh of power. 24,000MWh of which will be connected to the East China Power Grid and 4,000MWh will be used by the proposed project. Straw from agricultural fields in the close neighbourhood at a distance between 4 and 8 km will be used in this project. The project will generate annual emission reductions amounting to 19,000 tons of CO₂.

