

CHINA: JIANGSU LONGYUAN DONGHAI BIOMASS POWER PROJECT

Kyoto Mechanism:	Clean Development Mechanism
Project Category (UNFCCC):	ACM0006 „Consolidated baseline methodology for grid-connected electricity generation from biomass residues”
Location:	Fangshan Town, Donghai City, Jiangsu Province
Emission Reductions purchased:	490,000 t CO _{2e}

The proposed project consists of the construction and operation of a biomass power plant in Fangshan Town, Donghai County, Jiangsu Province. The proposed project will install two middle-temperature and middle-pressure biomass combustion boilers and two power generators driven by two steam turbines, for a total capacity of 24 MW. It is estimated that the annual generation of the project will be 126.72 GWh.

The generated electricity will be fed into the East China Power Grid. The proposed project will annually generate 117,090 tons of CO_{2e} emission reductions by replacing electricity generated by fossil fuel fired power plant.

Wheat and rice straws available in the project region would be utilized as biomass fuels. The implementation of the proposed project will be helpful to meet the energy demand and therefore contribute to local economic development. The project will create 250 new jobs during the construction phase and another 19 new jobs during operation.