

November 29, 2006
Electric Power Development Co., Ltd.

Yala Biomass Power Plant Goes into Operation in Thailand

-- J-POWER installs its 2nd biomass generation plant as an overseas IPP project--

The Yala Biomass Generation Plant, a facility constructed by Gulf Yala Green Co., Ltd., commenced operation on November 28. Gulf Yala Green Co., Ltd. is a Thailand-based operator 48% owned by J-POWER (Electric Power Development Co., Ltd. – President: Yoshihiko Nakagaki).

Construction of the new electric thermal power plant began in August 2003 in Yala Prefecture of Southern Thailand. The plant is designed to generate up to 20,000 kW output power through the incineration of rubber wood waste. Many rubber tree plantations for the extraction of natural rubber are based in Yala Prefecture and the vicinity. There are also numerous sawmills to treat the logged rubber trees for sap extraction at the end of their lives once they lose their productivity for sap extraction. The Yala plant incinerates the waste wood produced by the lumber sawing process as fuel for power generation.

J-POWER has invested in fifteen overseas IPP projects in six countries/regions, including nine based in Thailand (one is still under construction). The Yala plant is the company's second biomass generation plant, following the Thai Roi-Et Rice Chaff Generation Plant.

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Outline of the Yala Biomass Power Plant

Location	Yala City, Yala Prefecture, Thailand (about 1,000 km south of Bangkok)
Type of Power-generation	Thermal electric power generation fired by rubber wood waste
Output capacity	20,000 kW
Fuel	Rubber wood waste
Scheme	BOO (build, own & operate)
Operating Company	Gulf Yala Green Co., Ltd. (48% owned by J-POWER)
Power Purchaser and Terms of Purchase Agreement	Power Purchaser: Electricity Generating Authority of Thailand (EGAT) Terms of electric power purchase contract: 25 years
Operation and Maintenance Company	Operating company (Gulf Yala Green Co., Ltd.)
Total Project Costs	About 1,800 million Thai Baht (about 5,400 million yen)
Project Schedule	Start of construction: August 2003 Start of operation: November 2006

Location Yala Biomass Power Plant



Yala Biomass Power Plant