

## **Successful bid for new IPP in Thailand**

J-Power (Electric Power Development Co., Ltd., president: Yoshihiko Nakagaki) has recently won a bid for two gas thermal power generation plants (Samet tai site 1,600MW, Nong Saeng site 1,600MW) in an IPP bid solicitation held in Thailand.

Thailand is taking steps to cope with its steadily rising demand for electric power. Earlier this year, the Thai government solicited IPP bids for the construction of new power generation plants—the first such solicitation since 1994. If plans proceed as scheduled, the new plants will start operation between 2012 and 2014. Attracted by the opportunity to expand its business in Thailand, J-Power decided to join the bidding through a group of affiliated local companies. After passing the requirement review and price review, its bids for the two plants were successful.

J-Power will be deliberating arrangements in careful detail to make sure that the orders for these large projects go through. The projects will form a platform for our company's revenue not only in Thailand, but for our international business overall.

### **【Outline of the project】**

#### ○Samet tai site

Location: Samet tai district, Chachoengsao province (about 80 km east of Bangkok)  
Type: Gas thermal power plant  
Output: 1,600MW (800MW×2 systems)  
Start of commercial Operation: 2012 (estimated)  
Business company: Siam Energy

#### ○Nong Saeng site

Location: Nong Saeng district, Saraburi province (about 100 km north of Bangkok)  
Type: Gas thermal power plant  
Output: 1,600MW (800MW × 2 systems)  
Start of commercial operation: 2013 or 2014 (estimated)  
Business company: Power Generation Supply

#### <Attached materials>

1. Project location diagram
2. <Reference> J-Power's overseas IPP project list

**Project location diagram**



**J-POWER Overseas IPP Project List**

(As of December 10, 2007)

※ Overseas IPP projects invested by J-POWER: 6 countries/region, 16 operating & 3 under construction  
(Projects in Operation)

Country/ Region	Project Name	Power Source	Output (MW)	Share of J-POWER (%)
USA	Tenaska Frontier	Gas (Combined cycle)	830	31
	Elwood Energy	Gas (Simple cycle)	1,350	25
	Green Country	Gas (Combined cycle)	795	50
Philippines	CBK	Water	728	50
China	Tianshi	Coal waste	50	24
	Hanjiang (Xihe)	Water	180	27
Thailand	Roi-Et	Biomass (Chaff)	10	25
	Rayong	Gas (Combined cycle)	112	20
	Thaioil Power	Gas (Combined cycle)	113	19
	Independent Power	Gas (Combined cycle)	700	11
	Gulf Cogeneration (Kaeng Khoi)	Gas (Combined cycle)	110	49
	Samutprakarn	Gas (Combined cycle)	117	49
	Nong Khae	Gas (Combined cycle)	120	49
	Yala	Biomass (Rubber wood waste)	20	49
	Kaeng Khoi 2 (No. 1 Plant)	Gas (Combined cycle)	734	49
Taiwan	Chiahui	Gas (Combined cycle)	670	40
<b>Total</b>	<b>5 Countries/Region</b>	<b>16 projects</b>	<b>6,639</b>	<b>2,347MW</b>

(Under Construction)

Country/Region	Project Name	Power Source	Output (MW)	Share of J-POWER (%)
China	Hanjiang (Shuhe)	Water	270	27
Thailand	Kaeng Khoi 2 (No. 2 Plant)	Gas (Combined cycle)	734	49
Poland	Zajaczhowo	Wind power	48	45
<b>Total</b>	<b>3 Countries/Region</b>	<b>3 projects</b>	<b>1052</b>	<b>454MW</b>

(Note) The relevant project is not included in this list, as we have not yet formally received