Early Warning System

ADB-53239-001

Eastern Economic Corridor Independent Power Project

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Quick Facts

Countries	Thailand
Specific Location	Rayong
Financial Institutions	Asian Development Bank (ADB)
Status	Proposed
Bank Risk Rating	A
Borrower	No disclosed
Sectors	Energy

Project Description

According to the bank document, "The Project entails the construction and operation of a 2,500 megawatt (MW) gas-fired IPP project in Rayong province, Thailand. The Project will be one of the largest power plants in Thailand and will help meet the projected growth and industrial transformation plans under the Eastern Economic Corridor (EEC) development plan. The Project will provide significant generating capacity that is reliable, efficient, and cost-effective.

The Pluak Daeng Power Plant of Gulf PDCo., Ltd. covers area of 492 rai, 1 ngan and 20.3 square wah or approximately 492 rai, covering 13 plots of land in the Pluak Daeng Industrial Park (Industrial Park), Map Yang Phon sub-district, Pluak Daeng district, Rayong Province...The proposed Pluak Daeng Power Plant will utilize natural gas as main fuel and diesel oil as back up fuel. The total installed capacity of this power plantis 2,920 MW whichwill be sold to the Electricity Generating Authority of Thailand (EGAT). Major machineriesand equipment of the Pluak DaengPower Plant will be four combustion turbine generators (CTG), four heat recovery steam generators(HRSG) and foursteam turbine generators(STG). The generated electricity to be sold to EGAT will be dispatched via the 500 kV Pluak DaengSub-station. The natural gas for the project to be supplied by PTT (Public) Co., Ltd. is expected to peak at412 million cubic feet/day at LHV dry valueand the diesel oil supplyas contingencyfuel,is expected to be8,631 m3/day. Raw water will be provided by the Eastern Water Resources Development and Management PCL with rate of 63,000m3/day and stored in the 189,000 m3 reservoir."

Investment Description

- Asian Development Bank (ADB)

Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	Electricity Generating Authority of Thailand (EGAT)	Buyer	-
-	-	-	-	Gulf PD Co., Ltd	Client	-
-	-	-	-	TEAM Consulting Engineering and Management Co., Ltd.	Contractor	-

Contact Information

Responsible ADB Department Private Sector Operations Department
Responsible ADB Division Infrastructure Finance Division 2
Responsible ADB Officer Hashizume, Shuji

ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: http://www.adb.org/site/accountability-mechanism/main

Bank Documents

- Environmental Impact Assessments Part 1: Main Document [Original Source]
- Part 2: Appendixes 3A - 4E (28.75 MB) [Original Source]
- Part 3: Appendixes 4F - 5A-4 (21.69 MB) [Original Source]
- Part 4: Appendixes 5A-5 - 7A-1 (31.44 MB) [Original Source]
- Part 5: Appendixes 7A-2 - 7D-6 (13.1 MB) [Original Source]
- Project Disclosure PDF [Original Source]