

環境チェックレポート

(1) プロジェクト名

石炭焼き火力発電所プロジェクト

(2) 実施場所

ベトナム社会主義共和国タイビン省

(3) プロジェクト概要

石炭焼き火力発電所の建設

(4) カテゴリ分類

カテゴリ「A」

(5) カテゴリ分類の根拠

本事業は、影響を及ぼしやすいセクター(火力発電セクター)に該当し、環境ガイドラインに掲げる影響を及ぼしやすい特性を持つため。

(6) 環境許認可

同国制度に基づき EIA が作成され、2011 年 6 月 23 日付で天然資源環境省より付帯条件付きで承認取得済である。また EIA 作成過程において、住民等へ説明会を実施済。

(7) 汚染対策

大気質、水質、廃棄物、騒音・振動の計画値は現地基準及び世銀基準を概ね満たす計画である。

(8) 自然環境面

本プロジェクトサイトの南方に保護区が存在するものの、本プロジェクト実施に伴う保護区への影響は予見されない。

(9) 社会配慮面

本プロジェクト実施に伴い住民移転は発生しないものの、社会経済的な影響を受ける住民への配慮について対応計画を策定中であり、適切な措置

が講じられている。

(10) 適用国際基準

世界銀行・セーフガードポリシー

(11) その他・モニタリング

上記の環境レビューを踏まえ、EIA 報告書の承認に係る付帯条件の遵守状況、大気質、騒音、用地使用权取得及び生計回復の進捗状況について、モニタリングを行う予定である。

以上



Questions

Q1. Please provide the address of the project site.

Address of the project site : MY LOC COMMUNE, THAI THUY DIST., THAI BINH PROVINCE,
VIET NAM

Q2. Please provide brief explanation of the project.

Construction of 2 x 60MW Power Plant

Q3. Will JBIC loan be applied to a new project or an executing project? In case of an executing project, please inform of strong claims by stakeholders such as local residents, as well as improvement guidance or cessation orders for construction work / operations, from environmental authorities.

- New Project** Executing Project (with Claim etc.)
 Executing Project (without Claim etc.) Others (Please specify)

Q4. In case of this project, is it necessary to execute Environmental Impact Assessment (EIA) based on the laws or regulations of the country where the project is to be implemented? If necessary, please inform the progress of EIA.

- Required (completed)** Required (under execution or under planning)
 Not Required Others (Please specify)

Q5. In case that EIA is already completed, please inform whether EIA report is already approved based on the environmental assessment system of the country where the project is to be implemented or not. If EIA report is already approved, please provide the date and name of authorities of the approval.

- Approved (without condition)** Approved (conditional)
 Under approval process Others (Please specify)

Date of Approval : 23/6/2011

Name of Authorities : Ministry of Natural resources and environmental

Q6. If environmental permit(s) other than EIA is required, please provide the name of required permit(s). Have you obtained required permit(s)?

- Obtained Required, but not obtained yet
 Not required Others (Please specify)

Name(s) of required permit(s) : _____

Q7. Will the loan be used for the undertaking that cannot specify the project at this stage (e.g. export or lease of machinery that has no relation with specific project, or Two Step Loan that cannot specify the project at the time of loan agreement)?

No

If you answered "Yes", it is not necessary to reply to the following questions.
If you answered "No", please reply to the following questions.

D. A.
BAN C
U. AN
D. A.
THAI

Q8. Are there any environmentally sensitive area shown below in and around project site?

No

If you answered "Yes", please select applicable items by marking, and reply to following questions.
If you answered "No", please reply to questions 9 and after.

- (1) National parks, protected areas designated by government (coastal areas, wetlands, habitats of minorities or indigenous populations, heritage sites, etc.)
- (2) Primeval forests, tropical natural forests
- (3) Ecologically important habitats (coral reefs, mangrove, tidal flats, etc.)
- (4) Habitats of endangered species of which protection is required under local laws and international agreements.
- (5) Areas that have risks of large scale increase in soil salinity or soil erosion
- (6) Desertification areas
- (7) Areas with special values from archaeological, historical and/or cultural viewpoints
- (8) Habitats of minorities, indigenous populations, nomadic people with traditional life style, or areas with special social value

Q9. Does the project involve following characteristics?

Yes

If you answered "Yes", please describe the scale of applicable characteristics, and reply to the questions 10 and after.

If you answered "No", please reply to questions 11 and after.

- (1) Involuntary resettlement (Number of resettlers:)
- (2) Pumping of groundwater (Scale: m³/year)
- (3) Land reclamation, development and/or clearing (Scale: 131.74 ha)
- (4) Deforestation (Scale: ha)

Q10. Under the environmental impact assessment system of the country where the project is to be implemented, do the applicable characteristics from (1) – (4) above and their scale serve as basis for executing an EIA for the project?

- They do
- They do not
- Others

Q11. Will JBIC share in the project be equal or less than 5% of the total project cost, or the total amount of JBIC loan equal or less than SDR 10 million? (In the case of additional support for a past project, this shall be the accumulated total amount)

No

If you answered "Yes", it is not necessary to reply to the following questions.
If you answered "No", please reply to questions 12 and after.

Q12. Does the project belong to either of the sectors that impact on the environment is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansionary renovation project, acquisition of rights and interests without additional capital investment)?

No

K H
2
AN LY
EN LU
KH
INH 2
M

If you answered "Yes", it is not necessary to reply to following questions.
If you answered "No", please reply to the questions 13 and after.

Q13. Does the project belong to the following sectors?

Yes

If you answered "Yes", please specify the sector by marking, and reply to questions 14 and after.
If you answered "No", it is not necessary to reply to the following questions.

- (1) Mining
- (2) Oil and natural gas development
- (3) Pipelines
- (4) Iron and steel (projects that include large furnaces)
- (5) Non-ferrous metals smelting and refining
- (6) Petrochemicals (manufacture of raw materials; including complexes)
- (7) Petroleum refining
- (8) Oil, gas and chemical terminals
- (9) Paper and pulp
- (10) Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.
- (11) **Thermal power**
- (12) Nuclear power
- (13) Hydropower, dams and reservoirs
- (14) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables
- (15) Roads, railways and bridges
- (16) Airports
- (17) Ports and harbors
- (18) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
- (19) Waste management and disposal
- (20) Agriculture involving large-scale land-clearing or irrigation
- (21) Forestry
- (22) Tourism (construction of hotels, etc.)

Q14. Please provide information on the scale of the project (project area, area of plants and buildings, production capacity, amounts of power generation, etc.) Further, please explain whether an execution of EIA is required on account of the large scale of the project in the country where the project is implemented.

1. PROJECT AREA

Thai Binh 2 thermal power plant (TPP) construction location is selected in My Loc commune, Thai Thuy district, Thai Binh province in the Thai Binh power complex

2. PRODUCTION CAPACITY AND AMOUNT OF POWER GENERATION:

Thai Binh 2 TPP composes of 2 units with capacity of 1200 MW (2x600MW) and the estimated amount of power generation is 7.2 billion kWh per year.