

環境レビュー結果

- (1) 照会番号
15-046
- (2) プロジェクト名
石炭火力発電所
- (3) 実施場所
インドネシア バンテン州
- (4) プロジェクト概要
石炭火力発電所の増設
- (5) カテゴリ分類
カテゴリ A
- (6) カテゴリ分類の根拠
環境ガイドラインに示される大規模な火力発電に該当するため。
- (7) 環境許認可
インドネシアの環境法制に基づき、環境社会影響評価書が作成され、2015年1月に、バンテン州から付帯条件付で承認された。
- (8) 汚染対策
大気、水質、騒音は、現地国基準及び国際基準を満たすことが見込まれている。汚染を防止するための適切な手段が取られていると判断される。
- (9) 自然環境面
本プロジェクトは既存の発電所区域内で実施される。近隣に自然保護区や貴重種の生息地域は存在しない。
- (10) 社会配慮面
本プロジェクトは既存の発電所区域内で実施される。住民移転は発生せず、近隣に文化遺産は存在しない。

(11) 適用国際基準

World Bank Safeguard Policies

(12) その他（モニタリング等）

大気、水質、騒音等に関するモニタリングが実施され、環境当局に提出される予定である。

以 上

Questions

Q1. Please provide the address of the project site.

Address of the project site : Kemiri District, Tangerang Regency, Banten Province

Q2. Please provide brief explanation of the project. Construction and operation of thermal generating unit

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 and Social Impact Assessment (ESIA) based on the laws or regulations of the country where the project is to be implemented? If necessary, please inform the progress of ESIA.

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

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

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

Date of Approval : 16 February 2015

Name of Authorities : Governor of Banten Province

Q6. If environmental permit(s) other than ESIA 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) : Ijin Lingkungan, Ijin Pemanfaatan Ruang

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)?

(Yes/ 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.

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

(Yes/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) Ecologically critical forests areas (including primeval forests and tropical natural forests)
- (3) Ecologically critical natural habitats (including 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 lifestyle (including areas used for cultural and/or spiritual purposes), or areas with special social value

Q9. Does the project involve following characteristics?

(Yes/ No)

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 and/or loss of means of livelihood (Number of affected people:)
- (2) Pumping of groundwater (Scale: m³/year)
- (3) Land reclamation, development and/or clearing (Scale: ha)
- (4) Deforestation (Scale: ha)

Q10. Under the environmental and social 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 ESIA for the project?

- They do
- They do not
- Others (Please specify)

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)

(Yes/ 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 impacts on the environment and the society is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansive renovation project, acquisition of rights and interests without additional capital investment)?

(Yes/ No)

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 /No)

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) Cement plants (including a greenfield quarry)
- (11) Manufacture and transport of toxic or poisonous substances regulated by international treaties, etc.
- (12) **Thermal power**
- (13) Nuclear power
- (14) Hydropower, dams and reservoirs
- (15) Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables
- (16) Roads, railways and bridges
- (17) Airports
- (18) Ports and harbors
- (19) Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
- (20) Waste management and disposal
- (21) Agriculture involving large-scale land-clearing or irrigation
- (22) Forestry
- (23) 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 ESIA is required on account of the large scale of the project in the country where the project is implemented.

- (1) Land Area ± 16.5
- (2) Capacity/ Power Generation (1x315 MW)
- (3) Refer to the regulation of the Minister of Environment No. 5 of 2012 regarding types of business plan and/or activity which mandatory for environmental impact assessment (EIA) Appendix I no. K3, stipulated that diesel/gas/coal/gas engine power plant with capacity of >100 MW shall have EIA.