

環境チェックレポート

(1) プロジェクト名

石炭火力発電プロジェクト

(2) 実施場所

インドネシア共和国西ジャワ州

(3) プロジェクト概要

石炭火力発電所を建設・所有・操業するもの

(4) カテゴリ分類

カテゴリ「A」

(5) カテゴリ分類の根拠

本プロジェクトは、環境ガイドラインに掲げる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、影響を及ぼしやすい特性を持つため。

(6) 環境許認可

インドネシア共和国制度に基づき、ESIA（環境社会影響評価報告書）が作成され、2016年6月に送電線部分、2017年7月に石炭火力発電所部分について、同国西ジャワ州政府により付帯条件付きで各々承認を取得済である。事業会社は付帯条件について適切に対応する予定である。なお、発電所部分の環境許認可について、当初西ジャワ州政府より2016年5月に承認取得済であったが、西ジャワ州政府を被告とする行政訴訟において、2017年4月に第一審判決として、同許認可が無効の旨が言い渡された。かかる判決を踏まえ、利害関係者との協議を経てESIAが追補された上で、前述のとおり2017年7月に新たな環境許認可が西ジャワ州政府より発行された。同国政府・外部弁護士等の見解も取得の上、新たな

環境許認可は、同国制度に基づき有効なものである旨、確認されている。

(7) 汚染対策

大気質、水質、廃棄物及び騒音・振動等について、適切な措置が講じられている旨、確認されている。

(8) 自然環境面

自然環境面への影響に対して、適切な措置が講じられている旨、確認されている。

(9) 社会配慮面

本プロジェクトにより社会経済的な影響を受ける住民等への配慮について、対応計画が策定され、適切な措置が講じられている旨、確認されている。

(10) 適用国際基準

IFC パフォーマンススタンダード

(11) その他・モニタリング

上述の環境レビュー結果を踏まえ、ESIAに係る付帯条件の遵守状況、事業者によるステークホルダーへの関与に関する状況及び生計回復計画の実施状況等についてモニタリングを実施する予定。

以 上

Questions

Q1. Please provide the address of the project site.

Address of the project site : Cirebon , West Java Province, Indonesia

Q2. Please provide brief explanation of the project.

A new coal fired power plant located in Cirebon of West Java to be developed through the project company, PT Cirebon Energi Prasarana ("CEPR") to provide electricity to PT PLN (Persero) ("PLN"), state-owned utility company, on a build, own, operate and transfer basis. The capacity of the power plant will be around 1,000MW.

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.

- | | |
|---|--|
| <input checked="" type="checkbox"/> New Project | <input type="checkbox"/> Executing Project (with Claim etc.) |
| <input type="checkbox"/> Executing Project (without Claim etc.) | <input type="checkbox"/> 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.

- | | |
|--|--|
| <input type="checkbox"/> Required (completed) | <input checked="" type="checkbox"/> Required (under execution or under planning) |
| <input type="checkbox"/> Not Required | <input type="checkbox"/> Others (Please specify) |

The name of environmental and social impact assessment for power project in Indonesia is Analisis Mengenai Dampak Lingkungan ("AMDAL").

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.

- | | |
|--|---|
| <input type="checkbox"/> Approved (without conditions) | <input type="checkbox"/> Approved (conditional) |
| <input type="checkbox"/> Under approval process | <input checked="" type="checkbox"/> Others (Under preparation of AMDAL report.) |

Date of Approval : _____

Name of Authorities : _____

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

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Obtained | <input checked="" type="checkbox"/> Required, but not obtained yet |
| <input type="checkbox"/> Not required | <input type="checkbox"/> Others (Please specify) |

Name(s) of required permit(s) : Environmental Permit to be issued by Local Government.

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.

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) 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)

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: Around 1,000 people)
- (2) Pumping of groundwater (Scale: m³/year)
- (3) Land reclamation, development and/or clearing (Scale: less than 0.5ha)
- (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)

(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-expansory renovation project, acquisition of rights and interests without additional capital investment)?

(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)

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.

The area of this project site will be around 200 ha. The capacity of the power plant will be around 1,000 MW. CEPR will provide electricity to PLN under the 25-year Power Purchase Agreement executed between CEPR and PLN. Execution of local ESIA, which is called AMDAL, is required for this project in Indonesia.