

Environmental Examination Report

(1) Project Name

Coal-fired Power Plant Project

(2) Project Site

West Java, Republic of Indonesia

(3) Project Outline

Construction, possession and operation of coal-fired power plant.

(4) Category Classification

A

(5) Reason for Classification

The project falls into the thermal power sector and has sensitive characteristics under the Environmental Guidelines.

(6) Environmental Permits and Approvals

The Environmental and Social Impact Assessment (ESIA) on this project was prepared in compliance with the Indonesian laws and regulations. ESIA for the transmission line was approved in June 2016 and ESIA for the power plant was approved in July 2017 with some conditions by the West Java Province, Republic of Indonesia. The project proponent plans to act properly on the conditions. Although the original Environmental Permit for the power plant was issued by West Java Province in May 2016, it was declared void according to the April 2017 ruling in the administrative lawsuit against West Java Province. Thereafter, through consultations with stakeholders the addendum of ESIA for the power plant was approved and the new Environmental Permit for the power plant was issued by West Java Province in July 2017. It is confirmed with the government entities in the Republic of

Indonesia and external advisors that the new Environmental Permit is in full force and effect.

( 7 ) Pollution Mitigation Measures

It is confirmed that preserving air quality, water quality conservation, waste control, noise and vibration control are properly managed.

( 8 ) Natural Environment

It is confirmed that the appropriate measures for the protection of natural environment are properly managed.

( 9 ) Social Environment

It is confirmed that appropriate plans have been made and appropriate measures have been taken for local people who are affected by the project.

( 1 0 ) International Standard

IFC Performance Standards

( 1 1 ) Others, Monitoring

Taking the above environmental review into consideration, JBIC will monitor compliance status with the conditions attached to the ESIA report, the Project Company's involvement with stakeholders and the implementation status of livelihood restoration program.

## 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: m<sup>3</sup>/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.