

環境チェックレポート

- (1) プロジェクト名
ジャカルタ送変電プロジェクト
- (2) 実施場所
インドネシア共和国 ジャカルタ市
- (3) プロジェクト概要
変電設備建設及び地下ケーブル敷設
- (4) カテゴリ分類
カテゴリ「B」
- (5) カテゴリ分類の根拠
本事業は、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に該当せず、影響を及ぼしやすい特性を持たず、影響を受けやすい地域あるいはその近傍に立地せず、環境への望ましくない影響は重大でないと判断されるため。
- (6) 環境許認可
必要な環境許認可を当局より取得済。また、同国制度に基づき送電線敷設にかかる住民への説明会を実施済。
- (7) 汚染対策
建設中において、騒音及び廃棄物による影響が見込まれるが、適切な措置が講じられる旨確認されている。
- (8) 自然環境面
本件サイトは、同国又は国際条約等で指定されている自然環境保護区内には位置せず、その周辺に特に環境に留意すべき地域はない。また、本件サイト内に貴重種は存在しない。
- (9) 社会配慮面
本件につき、特段社会面で配慮すべき事項はない。また、本件に伴う用地取得及び非自発的住民移転は発生しない。

(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

本件では、本行は地域住民からの苦情の有無についてモニタリングを行う予定。

以上

Questions

Q1. Please provide the address of the project site.

Address of the project site:

【Daan Mogot】

Jl. Nusa Indah Timur, Kelurahan Cengkareng Timur, Cengkareng - Jakarta Barat 11730

【Semanggi Barat】

Jl. Karet Pasar Baru Barat V, Kelurahan Karet Tengsin, Tanah Abang - Jakarta Pusat, 10220

【Karet Substation】

Jl. Tenaga Listrik No.1, Kelurahan Kebon Melati, Tanah Abang - Jakarta Pusat

(Refer to Attached Map)

Q2. Please provide brief explanation of the project.

Supply and installation of 150kV Gas Insulated Switchgear(GIS) for Semanggi Barat (New) and Daan Mogot (New), of 150kV Air Insulated Switchgear(AIS) for Karet Substation (Extension), and of 150kV Under Ground Cable(UGC) between Karet Substation and Semanggi Barat.

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 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.

- | |
|---|
| <input checked="" type="checkbox"/> Required (completed) for UGC |
| <input type="checkbox"/> Required (under execution or under planning) |
| <input checked="" type="checkbox"/> Not Required for Semanggi Barat (GIS), Daan Mogot (GIS) and Karet (AIS) |
| <input type="checkbox"/> 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.

- | | |
|---|--|
| <input type="checkbox"/> Approved (without condition) | <input checked="" type="checkbox"/> Approved (conditional) for UGC |
| <input type="checkbox"/> Under approval process | <input type="checkbox"/> Others (Please specify) |

Date of Approval : 26 September 2011

Name of Authorities : BPLHD (Badan Pengelola Lingkungan Hidup)

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

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

(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) 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 / 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 (Number of resettlers: _____)
- (2) Pumping of groundwater (Scale: _____ m³/year)
- (3) Land reclamation, development and/or clearing (Scale: _____ 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 (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 impact on the environment 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)?

(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.

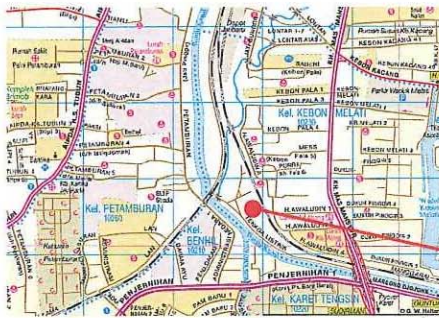
- (1) Mining
- (2) Oil and natural gas development
- (3) Pipelines
- (4) Iron and steel (projects that include large furnaces)
- (5) Non-ferrous metals smelting and refining
- (6) Petrochemicals (manufacture of raw materials; including complexes)
- (7) Petroleum refining
- (8) Oil, gas and chemical terminals
- (9) Paper and pulp
- (10) 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.

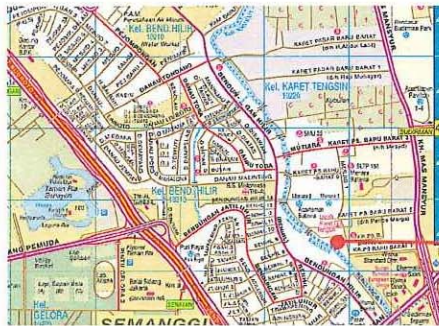
Scattered Transmission and Substation (KE-5)
Package 8: 150kV Gas Insulated Switchgear for Daan Mogot and Semanggi Barat



Daan Mogot Substation



Karet Substation



Semanggi Barat Substation

