

環境レビュー結果

- (1) 照会番号
18-010
- (2) プロジェクト名
複合ガス火力発電所
- (3) 実施場所
インドネシア 西ジャワ州
- (4) プロジェクト概要
複合ガス火力発電所の建設
- (5) カテゴリ分類
カテゴリ A
- (6) カテゴリ分類の根拠
本件は、環境ガイドラインに示される大規模な火力発電に該当し、影響を受けやすい地域を伴うため。
- (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、2016年6月に、環境森林省から承認された。
- (8) 汚染対策
大気、水質、騒音、廃棄物に対して、適切な手段が取られている。
- (9) 自然環境面
パイプラインは、干潮地域や保護林を通過するが、いずれについても適切な緩和策が取られていることが確認されている。
- (10) 社会配慮面
本プロジェクトにより影響を受ける住民に対して対応計画が策定され、適切な措置が取られていることが確認されている。本プロジェクトの近隣に文化遺産は存在しない。

(11) 適用国際基準
IFC Performance Standards

(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: Cilamaya, Karawang Regency, West Java, Indonesia

Q2. Please provide brief explanation of the project.

An IPP project for building, owning, operating and transfer the gas combined cycle power plant with the capacity of total 1,760MW and the gas facilities (FSRU, Floating Storage and Regasification Unit) to sell electricity to PT. PLN Persero.

Associated facilities are onshore/offshore gas pipeline and mooring facilities for the FSRU.

Q3. Will NEXI insurance 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 checked="" type="checkbox"/> Required (Completed) | <input 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”).

The “Integrated AMDAL” which includes the element of power plant, transmission line/substation, gas facilities and FSRU for the project has been approved by Ministry of Environment & Forests (“MOEF”) of the Republic of Indonesia on 5 June 2018.

Q5. In case that ESIA is already completed, please inform whether ESIA report is already approved based on the environmental and social 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 checked="" type="checkbox"/> Approved (without condition) | <input type="checkbox"/> Approved (conditional) |
| <input type="checkbox"/> Under approval process | <input type="checkbox"/> Others (Under preparation of AMDAL report) |

Date of Approval: 5 June 2018

Name of Authorities: MOEF

Q6. If environmental and social 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): Nuisance Permit Licence, Hazardous and Dangerous Waste Management Licence, Permit to discharge waste water into the sea, Permit of the Waste Lubricant Storage

Q7. Will the insurance 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(s) shown below in and around project site(s)?

/ No)

If you answered "Yes", please select applicable items by marking, and reply to the following questions.

If you answered "No", please reply to the questions 9 and after.

- (1) National parks, nationally-designated protected areas (coastal areas, wetlands, areas for ethnic minorities or indigenous peoples and cultural heritage, etc. designated by national governments)
- (2) Forests with important ecological value (including primary forests and natural forests in tropical areas)
- (3) Habitats with important ecological value (including coral reefs, mangrove wetland and tidal flats)
- (4) Habitats of rare species requiring protection under domestic legislation, international treaties, etc.
- (5) Areas in danger of large-scale salt accumulation or soil erosion
- (6) Areas with a remarkable tendency towards desertification
- (7) Areas with unique archaeological, historical or cultural value
- (8) Areas inhabited by ethnic minorities, indigenous peoples or nomadic peoples with traditional ways of life (including areas which are used for cultural or spiritual purposes) and other areas with special social value

Q9. Does the project involve following characteristics?

/ 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 the 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: around [34ha] for the power plant site, and around [20ha] for the transmission line tower footing and the substation in total)
- (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) of the questions 9 and their scale serve as basis for executing an ESIA for the project?

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

Q11. May the project involve significant social impacts?

(Yes No)

If you answered "Yes", please describe the outline of the impacts, and reply to the questions 12 and after.

If you answered "No", please reply to the questions 12 and after.

- The likelihood of severe project-related human rights impacts ()
- Others ()

Q12. Will the value insured by NEXI in the export, loan or investment project be equal or less than 5% of the total project cost, or 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 the questions 13 and after.

Q13. Does the project belong to either of the sectors that impact on the environment and society is deemed immaterial or is not anticipated under normal conditions (e.g. maintenance of the existing facilities, non-expansory renovation project, and acquisition of rights and interests without additional capital investment)?

(Yes No)

If you answered “Yes”, it is not necessary to reply to the following questions.
If you answered “No”, please reply to the questions 14 and after.

Q14. Does the project belong to the following sectors?

(Yes No)

If you answered “Yes”, please specify the sector by marking, and reply to the questions 15 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) Manufacturing and transport of toxic or poisonous substances regulated by international treaties, etc.
- (12) Thermal power
- (13) Nuclear power
- (14) Hydro power, 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 hotel, etc.)

Q15. 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.

Project Area for power plant	Around [34]ha
Production Capacity	1,760 MW as contract capacity under PPA