

環境チェックレポート

- (1) プロジェクト名
ガス焚き複合火力発電所建設プロジェクト
- (2) 実施場所
バングラデシュ人民共和国／シレット管区ハビガンジ県
- (3) プロジェクト概要
ガス焚き複合火力発電所の建設
- (4) カテゴリ分類
カテゴリ「A」
- (5) カテゴリ分類の根拠
本事業は、環境ガイドラインに揚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
同国制度に基づき ESIA 報告書が作成され、2013 年 2 月 19 日に同国環境森林省環境局より付帯条件付きで承認を取得済である。
- (7) 汚染対策
大気質、水質、廃棄物、騒音・振動、地盤沈下及び悪臭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。
- (8) 自然環境面
自然環境面への影響に対して、適切な対策が講じられている旨、確認されている。
- (9) 社会配慮面
本プロジェクト実施に伴い住民移転は発生しない。社会経済的な影響を受ける住民に対して、適切な対策が講じられている旨、確認されている。
- (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

上記の環境レビューを踏まえ、ESIA 報告書の許認可に係る付帯条件の遵守状況、操業許可の取得・更新状況、水質、生態系及び生活・生計についてモニタリングを実施する予定。

以上

Questions and Answers

Q1. Please provide the address of the project site.

A1. Address of the project site: District- Habiganj and Sylhet, Bangladesh.

Q2. Please provide brief explanation of the project.

A2. The proposed project consists of a combined cycle power plant (CCPP) with 400 MW capacity having one (01) gas turbine unit, one (01) heat recovery steam generator and one (01) steam turbine 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 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.

- Required (completed) Required (under execution or under planning)
 Not Required 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.

- Approved (without condition) Approved (condition)
 Under approval process Others (Please specify)

Date of Approval: _____

Name of the Authorities: Department of Environment (DoE), Bangladesh

Q6. If environmental permit(s) other than EIA 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)

Names(s) of required permit(s): N/A _____

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)

A7. No.

If you answered is "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)

A8. 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. Primary 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 viewpoint
- 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)

A9. Yes.

If your 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 resettles':)
- 2. Pumping of groundwater (Scale: Only potable water for residential & non-residential facilities)
- 3. Land reclamation, development and/or clearing (Scale: 4.85 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)

A11. 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)

A12. No.

If you answered "Yes", it is not necessary to reply to the following questions.

If you answered "No", please reply to questions 13 and after.

Q13. Does the project belong to the following sectors? (Yes/No)

A13. Yes (Thermal Power).

If you answered "Yes", please specify the sector by marking, and reply to following questions.

If you answered "No", it is not necessary to reply the following questions.

<input type="checkbox"/>	1.	Mining
<input type="checkbox"/>	2.	Oil and natural gas development
<input type="checkbox"/>	3.	Pipelines
<input type="checkbox"/>	4.	Iron and steel (projects that include large furnaces)
<input type="checkbox"/>	5.	Non-ferrous metals smelting and refining
<input type="checkbox"/>	6.	Petrochemicals (manufacture of raw materials, including complexes)
<input type="checkbox"/>	7.	Petroleum refining
<input type="checkbox"/>	8.	Oil, gas and chemical terminals
<input type="checkbox"/>	9.	Paper and pulp
<input type="checkbox"/>	10.	Manufacture and transport of toxic or poisonous substances regulated by international treaties etc
<input checked="" type="checkbox"/>	11.	Thermal power
<input type="checkbox"/>	12.	Nuclear power
<input type="checkbox"/>	13.	Hydropower, dams and reservoirs
<input type="checkbox"/>	14.	Power transmission and distribution lines involving large-scale involuntary resettlement, large-scale logging or submarine electrical cables

<input type="checkbox"/>	15.	Roads, railways and bridges
<input type="checkbox"/>	16.	Airports
<input type="checkbox"/>	17.	Ports and harbors
<input type="checkbox"/>	18.	Sewage and wastewater treatment having sensitive characteristics or located in sensitive areas or their vicinity
<input type="checkbox"/>	19.	Waste management and disposal
<input type="checkbox"/>	20.	Agriculture involving large-scale land-clearing irrigation
<input type="checkbox"/>	21.	Forestry
<input type="checkbox"/>	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 whether the project is implemented.

A14. The proposed Bibiyana Phase III gas fired 400 MW Combined Cycle Power Plant (CCPP) will be built in an area of 12 acres equivalent to 4.85 ha of land at 24°38'11.4" N latitude and 91°39'42.4" E longitude. The site is about 2 km apart from the Sherpur Bridge to the west of Dhaka-Sylhet National Highway (N2), about 180 km northeast of Dhaka and about 45 km southwest of Sylhet. Administratively, it is located in the village of Parkul in Auskandi Union in Nabiganj Upazila of Habiganj District.

Execution of EIA is required.