

## 環境レビュー結果

- (1) 照会番号  
17-004
- (2) プロジェクト名  
風力発電所の建設
- (3) 実施場所  
エジプト 紅海県
- (4) プロジェクト概要  
風力発電所の建設
- (5) カテゴリ分類  
カテゴリ B
- (6) カテゴリ分類の根拠  
環境ガイドラインに示される環境影響を及ぼしやすいセクター及び特性、並びに環境影響を受けやすい地域あるいはその近傍に立地するプロジェクトに該当せず、環境への負の影響が重大でないと判断されるため。
- (7) 環境許認可  
同国制度に基づき環境社会影響評価書が作成されており、同国環境庁より 2017 年 6 月に付帯条件付きで環境許認可を取得している。
- (8) 汚染対策  
水質、騒音等をはじめ汚染対策について適切な措置が講じられている。
- (9) 自然環境面  
渡り鳥をはじめ自然環境を保護するため、適切な措置が講じられている。

(10) 社会配慮面

本プロジェクトの実施による非自発的住民移転は発生しない。

(11) 適用国際基準

IFC パフォーマンススタンダード

(12) その他（モニタリング等）

環境レビューの結果を踏まえ、関連する許認可の取得状況、渡り鳥への影響などのモニタリングを実施する予定である。

以上

## Questions

Q1. Please provide the address of the project site.

Address of the project site: approximately 20km southwest of the municipality of Ras Ghareb in the Red Sea Governorate

Q2. Please provide brief explanation of the project.

- The project includes design, finance, build, own, operate and maintain a 250MW wind power plant.
- The project company will sell the electricity energy generated from a 250MW wind power plant to EETC under 20 years power purchase agreement.

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 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 )                                |

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

Date of Approval: Middle of April, 2017 (Expected)

Name of Authorities: Egyptian Environmental Affairs Agency (EEAA) under the Ministry of Environment

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 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 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.

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**Q8.** Are there any environmentally sensitive area(s) shown below in and around project site(s)?

(Yes  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?

(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 the questions 11 and after.

- (1) Involuntary resettlement and/or loss of means of livelihood (Number of affected people: )
- (2) Pumping of groundwater (Scale: m<sup>3</sup>/year)
- (3) Land reclamation, development and/or clearing (Scale: ha)
- (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 12 and after.

*Handwritten mark*

**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 13 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 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) 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 EISA is required on account of the large scale of the project in the country where the project is implemented.

- The site selected for this Project of 250MW wind power plant is an area of approximately 37 km<sup>2</sup> located on the Gulf of Suez. The site is typically desert landscape, where the altitude above sea level varies 100m and 250m.
- The major components of the Project will include;
  - Wind turbine generators (WTG);
  - Foundations;
  - Electrical infrastructure including turbine transformers with all necessary switchgear and auxiliary equipment;
  - Medium voltage cabling, substation and electrical interconnection;
  - SCADA system;
  - Wind measurement system, including a permanent meteorological mast;
  - Ancillary equipment and support facilities such as control room and storage facilities with fencing.

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- administration and social building;
- Infrastructure such as access roads to the Project, internal roads, lighting system, site safety measures, aircraft warning system, bird monitoring system, etc.

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