

環境レビュー結果

- (1) 照会番号  
11-024
- (2) プロジェクト名  
火力発電所
- (3) 実施場所  
オマーン国スール工業地区
- (4) プロジェクト概要  
火力発電所の新設
- (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セクターに該当し、影響を受けやすい地域を伴うため。
- (7) 環境許認可  
現地国の関係制度に基づいて環境影響評価報告書が作成され、現地環境当局から事前承認を取得している。
- (8) 汚染対策  
大気質、水質、騒音に係る計画値は、現地国基準を満たすと共に国際基準を満足する計画である。
- (9) 自然環境面  
本プロジェクトサイト内及び近隣域には、現地国法令等で指定される保護区は存在しない。サイト前面海域に珊瑚が生息するが、貴重種は存在しない。本プロジェクトに伴い珊瑚の一部の除去が予定されているが、回復・代償措置及びモニタリングが実施される計画である。本プロジェクトの排水口は珊瑚生息域外であり、排水による影響は軽微である。
- (10) 社会配慮面

本プロジェクトサイトは工業団地に位置しており、住民移転は発生しない。また、文化遺産、景観等への影響は予見されない。

(11) その他（モニタリング等）

大気質、水質、騒音等に関するモニタリングの実施が計画されており、現地環境当局へ定期的に報告される。

以 上

## Questions

**Q1.** Please provide the address of the project site.

Address of the project site: Sur Industrial Estate, Sultanate of Oman

**Q2.** Please provide brief explanation of the project.

The plant will be designed to produce 1,500 MW - 2,000 MW of electricity, based on gas and steam turbine technology (combined cycle).

**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 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 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 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 type="checkbox"/> Approved (conditional)   |
| <input checked="" type="checkbox"/> Under approval process | <input type="checkbox"/> Others (Please specify ) |

Date of Approval: \_\_\_\_\_

Name of Authorities: The Ministry for Environment and Climate Affairs of the Government

**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 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): Dumping of excess dredged material into the sea etc.

**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)?

(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: m<sup>3</sup>/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 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 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-expansionary renovation project, acquisition of rights or 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) Manufacturing and transport of toxic or poisonous substances regulated by international treaties, etc.
- ☒ (11) Thermal power
- ☐ (12) Nuclear power
- ☐ (13) Hydro power, 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 hotel, 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.

The area of the project site will be around 548,000 m<sup>2</sup>. The power capacity will be 1,500 - 2,000 MW.

Execution of EIA is required for this project in the Sultanate of Oman.