

Results of Environmental Review

- (1) Reference Number
22-004
- (2) Project Name
Combined cycle gas-fired thermal power plant
- (3) Project Site
Syrdarya Region, Uzbekistan
- (4) Project Outline
Construction and operation of a combined cycle gas-fired thermal power plant
- (5) Category
A
- (6) Reason of Categorization
The project falls into the large-scale thermal power sector.
- (7) Environmental Permission / Approval by the Environmental Authority
The Environmental Impact Assessment report was developed in accordance with the laws and regulations in Uzbekistan and approved by the State Committee on Ecology and Environmental Protection (SCEEP) on July 6, 2022, with conditions.
- (8) Pollution Prevention
The appropriate measures against pollutions, including air quality, water quality, waste, noise, and vibration, etc. are being taken.
- (9) Natural Environmental Considerations
There is no natural protected area in the project sites. The appropriate measures against the impact to the natural environment are being taken.
- (10) Social Considerations
The appropriate measures have been taken with reference to international standards regarding economic displacement and potential resettlement resulting from the implementation of the Project.

(11) Applied International Standards
IFC Performance Standards

(12) Monitoring

The environmental monitoring plan and Environment Management Plan were developed. The monitoring results will be reported by the project sponsor subject to instruction of the competent authority.

(end)

Questions

Q1. Please provide the address of the project site.

Address of the project site: Shirin, Syrdarya Region, Uzbekistan

Q2. Please provide brief explanation of the project.

An IPP project for building, owning, operation and transfer the gas-fired combined cycle power plant with the capacity of approximately 1,600MW. The planned site is adjacent to an existing gas/oil-fired steam cycle power plant in Syrdarya, approximately 150 km south of Tashkent.

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 <u>under planning</u>) |
| <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 type="checkbox"/> Under approval process | <input checked="" type="checkbox"/> Others (Under Preparation) |

Date of Approval: June 2022 (Scheduled to be approved)

Name of Authorities: State Committee of the Republic of Uzbekistan for Ecology and Environment Protection

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):

- Permit for construction and land acquisition;
- Environmental Conclusion, Health Protection Zone;
- Cultural Heritage Permit;
- Visual geological and engineering judgement;
- Exploration License (groundwater);
- Approval of construction or reorientation activities (access roads);
- Transportation Permit;
- Waste Disposal Permit;
- Environmental Conclusion (Stage III of SEE process);

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 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: Under investigation)
- (2) Pumping of groundwater (Scale: Under investigation m³ /year)
- (3) Land reclamation, development and/or clearing (Scale:)
- (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 (Thermal Power Plants (300 MW capacity or more) is categorized Category I project under the Decree of the Cabinet of Ministers of 22.11.2018 № 949 and it will require the preparation of an Environmental and Social Impact Assessment (ESIA) to support national permitting requirements under the Law “On Environmental Expertise” No.73- II of 25.05.2000)

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-expansionary 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 EISA 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 55 ha
Production Capacity	Approximately 1,600MW

Thermal Power Plants (300 MW capacity or more) is categorized Category I project under the Decree of the Cabinet of Ministers of 22.11.2018 № 949 and it will require the preparation of an Environmental and Social Impact Assessment (ESIA) to support national permitting requirements under the Law “On Environmental Expertise” No.73- II of 25.05.2000)