Environmental Examination Report

(1) Project Name

Gas-fired Combined Cycle Power Plant Project

(2) Project Site

Syrdarya Region, Republic of Uzbekistan

(3) Project Outline

The project consists of the construction, own and operation of power generation plant.

(4) Category Classification

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(5) Reason for Classification

The project falls into the sensitive sector (thermal power sector) and includes characteristics under the Environmental Guidelines.

(6) Environmental Permits and Approvals

The Environmental Impact Assessment (EIA) on this project was prepared in compliance with Uzbekistan laws and regulations and approved by the State Committee of the Republic of Uzbekistan on Ecology and Environmental Protection on July 6, 2022 with collateral conditions.

(7) Pollution Mitigation Measures

It is confirmed that air quality, water quality, waste control, noise and vibration control are properly managed.

(8) Natural Environment

It is confirmed that appropriate measures for the protection of the natural environment are being taken.

(9) Social Environment

It is confirmed that appropriate measures for local people who are socially or economically affected by the project including resettlement are taken.

(10) International Standard

IFC Performance Standards

(11) Others, Monitoring

Taking the above environmental review into consideration, JBIC will monitor items such as the project's compliance with the conditions attached to the EIA approval, air quality and payment status of compensation.

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 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. ☐ Executing Project (with Claim etc.) **New Project** New Project Executing Project (without Claim etc.)) ☐ 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. Required (under execution or under planning) ☐ Required (completed) Others (Please specify ☐ Not Required) O5. 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. ☐ Approved (without condition) ☐ Approved (conditional) Others (Under Preparation) ☐ Under approval process Date of Approval: Name of Authorities: 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)? Required, but not obtained yet ☐ Obtained Others (Please specify) ☐ Not required 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 loan be used for the undertaking that cannot specify the project at this stage (e.g. export or lost machinery that has no relation with specific project, or Two Step Loan that cannot specify the project at 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 et minorities or indigenous people, and cultural heritage, etc. designated by national government	
☐ (2) Forests with important ecological value (including primary forests and natural forests in trop areas)	pical
☐ (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 treatments.]	ities,
etc. [
 (6) Areas with a remarkable tendency towards desertification (7) Areas with unique archaeological, historical or cultural value 	
Areas inhabited by ethnic minorities, indigenous peoples or nomadic peoples with traditi ways of life(including areas which are used for cultural or spiritual purposes) and other a 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 after.) and
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 () ☐ (4) Deforestation (Scale: ha)	
Q10. Under the environmental and social impact assessment system of the country where the project is implemented, do the applicable characteristics from $(1) - (4)$ of the questions 9 above and their scale serve basis for executing an ESIA for the project?	
☐ They do not ☐ They do not ☐ Others (

Q11	May the project involve significant social impacts?		
. ((Yes /No)		
	answered "Yes", please describe the outline of the impacts, and reanswered "No", please reply to the questions 12 and after.	ply to the qu	nestions 12 and after.
	The likelihood of severe project-related human rights impacts Others	()
	Will JBIC share in the project be equal or less than 5% of the loan equal or less than SDR 10 million? (In the case of additional ecumulated total amount)		
ı	(Yes No)		
	answered "Yes", it is not necessary to reply to the following quest answered "No", please reply to the questions 13 and after.	tions.	
imn non	Does the project belong to either of the sectors that impact on material or is not anticipated under normal conditions (e.g. n-expansionary renovation project, and acquisition of rights are stment)?	maintenance	of the existing facilities,
	(Yes No)		
	answered "Yes", it is not necessary to reply to the following quest answered "No", please reply to the questions 14 and after.	ions.	
Q14.	Does the project belong to the following sectors? (Yes/ No)		
If you If you	answered "Yes", please specify the sector by marking, and reply to answered "No", it is not necessary to reply to the following questions.	to the questions.	ons 15 and after.
	 Mining Oil and natural gas development Pipelines Iron and steel (projects that include large furnaces) Non-ferrous metals smelting and refining Petrochemicals (manufacture of raw materials; including co Petroleum refining Oil, gas and chemical terminals Paper and pulp Cement plants (including a greenfield quarry) Manufacture and transport of toxic or poisonous substances Thermal power Nuclear power Hydropower, dams and reservoirs Power transmission and distribution lines involving large-selogging or submarine electrical cables Roads, railways and bridges Airports 	regulated by	

(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 hotels, 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, pleased 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 55 ha	
Production Capacity	Approximately	
	1,600 MW	

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)