



Armenia: Yerevan Gas-Fired Combined-Cycle Power Project

Project Name	Yerevan Gas-Fired Combined-Cycle Power Project		
Project Number	51090-001		
Borrower/Company	ArmPower CJSC		
Country	Armenia		
Location	Armenia		
Approval Number	7554/3657		
Type of ADB Assistance / Amount	3657	Ordinary capital resources	USD 68.40 million Approved
Strategic Agendas	Inclusive economic growth		
Drivers of Change	Partnerships Private sector development		
Sector / Subsector	Energy - Conventional energy generation		
Gender Equity and Mainstreaming	No gender elements		
Responsible ADB Department	Private Sector Operations Department		
Responsible ADB Division	Infrastructure Finance Division 1		
Responsible ADB Officer	Tang, Sonali		
Project Sponsor(s)	Renco S.p.A.		
Description	The proposed project will include a natural gas fired combined cycle power plant (CCPP). The 250 MW CCPP, utilizing natural gas as fuel, is proposed to be located on land acquired from the Yerevan Thermal Power Plant CJSC (YTPP), owned by the Ministry of Energy Infrastructure and Natural Resources. The project site is located 10 km from Yerevan, adjacent to the existing power plant operated by YTPP.		
Objectives and Scope	The project is expected to generate significant development impact for Armenia: easing a key energy infrastructure constraint; generating employment during construction and operation and creating conditions for greater private sector participation. The project also contributes to increasing the supply of clean energy to Armenia.		
Linkage to Country/Regional Strategy	The project is consistent with the Midterm Review on Strategy 2020, which includes a focus on private sector development and operations, and infrastructure development. ADBs support for the project is also in line with its country partnership strategy for Armenia, 2014-2018 that supports energy security by diversifying energy sources and promoting private investment in the energy sector.		

Safeguard Categories

Environment	A
Involuntary Resettlement	C
Indigenous Peoples	C

Summary of Environmental and Social Aspects

Environmental Aspects	The environmental and social impact assessment identifies the potential environmental and social impacts and risks of the project, and assesses the cumulative air quality impacts in the airshed. The project will minimize its contribution to background air quality through the use of gas turbines incorporating dry low nitrogen oxide burners. The project utilizes a closed-loop water-cooling system, which means that water extraction and thermal discharge impacts are minimized. Adequate mitigation measures will be incorporated in the environmental management plan of the environmental impact assessment, which the borrower is committed to fully implement, with submission of semiannual progress reports to comply with ADB requirements.
Involuntary Resettlement	No involuntary resettlement impacts are expected.
Indigenous Peoples	No indigenous communities live within the project area, and therefore no impacts on indigenous peoples are expected.

Timetable for assistance design, processing and implementation

Concept Clearance	14 Mar 2017
Due Diligence	
Credit Committee Meeting	12 Mar 2018 to 12 Mar 2018
Approval	16 Apr 2018
Last PDS Update	03 Oct 2018

Project Page	https://www.adb.org/projects/51090-001/main
Request for Information	http://www.adb.org/forms/request-information-form?subject=51090-001
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