

 Early Warning System

WB-P509488

Regional Electricity Market Interconnectivity and Trade



Quick Facts

Countries	Kyrgyzstan, Tajikistan, Uzbekistan
Financial Institutions	World Bank (WB)
Status	Approved
Bank Risk Rating	A
Voting Date	2026-01-22
Sectors	Energy, Infrastructure
Investment Type(s)	Grant, Loan
Investment Amount (USD)	\$ 143.20 million
Loan Amount (USD)	\$ 80.00 million
Grant Amount (USD)	\$ 63.20 million
Project Cost (USD)	\$ 143.20 million

Project Description

According to the World Bank, the REMIT Program aims to increase regional electricity trade, strengthen regional transmission capacity, and enable the integration of renewable energy in Central Asia through a multi-phase approach. It involves piloting and developing electricity trade, reinforcing interconnections, and enhancing regional institutional framework.

- **Component 1: Pilot regional electricity market.** This component establishes, operationalizes, and pilots a short-term, transparent, and rules-based regional trading platform that complements existing bilateral contracts, using a day-ahead market to trade national surpluses and deficits and adopting a serviced market framework hosted by CDC Energia as the Regional Market Operator and central counterparty. Sub-components include design and delivery of market rules, participant eligibility and onboarding for transmission system operators and balance-responsible parties including, where permitted, independent power producers, configuration of the trading platform, staff training, and implementation followed by one to two years of live operation with options for extension; and development of an Automated Commercial Metered Data Management System to underpin settlement and reporting.
- **Component 2: Reinforcement and digitalization of regional interconnections.** This component finances no-regret investments that modernize and digitalize priority 500 kV and 220 kV assets to increase capacity, reliability, and redundancy, reduce losses, and enable higher variable renewable energy integration and cross-border power flows, while incorporating climate resilience and fiber optic communications. Sub-components include, in Tajikistan, construction of a new 500 kV Dushanbe–Regar transmission line with optical ground wire and the upgrade and expansion of the Regar and Dushanbe 500/220/35 kV substations to secure evacuation from Rogun hydropower plant and double transfer capacity to Uzbekistan; in Uzbekistan, construction of a second 220 kV Uzbekistan–Paulgan–Fergana–Sokin circuit and the Uzbekistan section of the 220 kV Yulduz–Kristall cross-border line with associated substation extensions, fiber optic links, and Supervisory Control and Data Acquisition/Energy Management System (SCADA/EMS) integration to strengthen the Fergana energy hub; and in the Kyrgyz Republic, construction of the Kyrgyz section of the 220 kV Kristall–Yulduz line and modernization and rehabilitation of the 220 kV Kristall and Torobaeva substations to enhance transfer capacity and stability with Uzbekistan, alongside implementation support and preparation of subsequent phase investments.
- **Component 3: Strengthening the institutional framework and enabling environment.** This component supports a phased regional governance setup for market development and coordinated planning, leveraging a ministerial-level Electricity Coordination Council under a Central Asia Energy Council, and uses CDC Energia to operate the pilot while options for a long-term market and system operator, a regional planning coordination body, and a regional regulatory body are developed. Sub-components include capacity building for national and regional institutions on technical, fiduciary, and environmental and social practices, knowledge sharing and monitoring and evaluation to inform subsequent market phases, design of trade-enabling financing and risk mitigation mechanisms, and support for coordinated cybersecurity practices and stakeholder engagement.



Investment Description

- World Bank (WB)



Private Actors Description

According to the World Bank, the implementing agencies will be CDC Energia, National Electric Grid of Kyrgyzstan, National Electric Grid of Uzbekistan, and Shabakahoi Intiqoli Barq JSC.



Private Actor 1	Private Actor 1 Role	Private Actor 1 Sector	Relation	Private Actor 2	Private Actor 2 Role	Private Actor 2 Sector
-	-	-	-	JSC National Electric Grid of Uzbekistan	Contractor	Energy
-	-	-	-	OJSC National Electric Grid of Kyrgyzstan	Contractor	Energy
-	-	-	-	Shabaqahoi Intiqoli Barq OJSC	Contractor	Energy



Contact Information

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ACCESS TO INFORMATION

To submit an information request for project information, you will have to create an account to access the Access to Information request form. You can learn more about this process at: <https://www.worldbank.org/en/access-to-information/request-submission>

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The World Bank Inspection Panel is the independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by a World Bank-financed project. If you submit a complaint to the Inspection Panel, they may investigate to assess whether the World Bank is following its own policies and procedures for preventing harm to people or the environment. You can contact the Inspection Panel or submit a complaint by emailing ipanel@worldbank.org. Information on how to file a complaint and a complaint request form are available at: <https://www.inspectionpanel.org/how-to-file-complaint>



Bank Documents

- [Appraisal Environmental and Social Review Summary \(ESRS\) - Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Appraisal Project Information Document \(PID\) \(English\)](#)
- [Central Asia - EUROPE AND CENTRAL ASIA- P509488- Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Central Asia - EUROPE AND CENTRAL ASIA- P509488- Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Central Asia - EUROPE AND CENTRAL ASIA- P509488- Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Central Asia - EUROPE AND CENTRAL ASIA- P509488- Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Central Asia - EUROPE AND CENTRAL ASIA- P509488- Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Central Asia - EUROPE AND CENTRAL ASIA- P509488- Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Central Asia - Regional Electricity Market Interconnectivity and Trade Project : Chair Summary](#)
- [Climate Finance Assessment \(P509488\)](#)
- [Concept Environmental and Social Review Summary \(ESRS\) - Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Concept Project Information Document \(PID\) \(English\)](#)
- [Disclosable Version of the ISR - Regional Electricity Market Interconnectivity and Trade - P509488 - \(English\)](#)
- [Environmental and Social Commitment Plan \(ESCP\) - Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Official Documents- Disbursement and Financial Information Letter for CAWEP Grant TF0D0247.pdf](#)
- [Official Documents- Disbursement and Financial Information Letter for Credit 7955-UZ.pdf](#)
- [Official Documents- Disbursement and Financial Information Letter for Credit 7957-KG.pdf](#)
- [Official Documents- Disbursement and Financial Information Letter for Grant E617-TJ.pdf](#)
- [Official Documents- Financing Agreement for Credit 7955-UZ.pdf](#)
- [Official Documents- Financing Agreement for Credit 7957-KG.pdf](#)
- [Official Documents- Financing Agreement for Grant E617-TJ.pdf](#)
- [Official Documents- Letter Agreement for CAWEP Grant TF0D0247.pdf](#)
- [Official Documents- Project Agreement for Credit 7955-UZ.pdf](#)
- [Official Documents- Project Agreement for Credit 7957-KG.pdf](#)
- [Official Documents- Project Agreement for Grant E617-TJ.pdf](#)
- [Revised Environmental and Social Management Framework \(ESMF\) Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Revised Labor Management Procedures Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Revised Resettlement Framework Regional Electricity Market Interconnectivity and Trade \(P509488\) \(English\)](#)
- [Stakeholder Engagement Plan \(SEP\) - Regional Electricity Market Interconnectivity and Trade - P509488 \(English\)](#)

Media

- [World Bank Supports Central Asia's First Regional Electricity Market to Boost Energy Security and Affordability](#)