Early Warning System

ADB-48078-006

Second Power Transmission Enhancement Investment Program (Tranche 4)

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Quick Facts

Countries	Pakistan
Specific Location	Punjab, Sindh and Khyber Pakhtunkhwa provinces
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	B
Voting Date	2022-12-08
Borrower	Islamic Republic of Pakistan - National Transmission and Despatch Company Ltd.
Sectors	Energy
Investment Type(s)	Loan
Investment Amount (USD)	$ 189.00 million

Project Description

According to the ADB website:

In October 2022, ADB received the project financing request from the government of Pakistan to finance the enhancement of the NTDC transmission grid through a loan totaling $189 million from ADB's Ordinary Capital Resources (OCR). The proposed project will finance the construction of high-voltage transmission infrastructure and procurement of materials required for asset management and reduction of transmission system constraints.

Tranche 4 will support NTDC in meeting growing electricity demand efficiently and reliably at the load centers of Punjab, Sindh and Khyber Pakhtunkhwa provinces through the construction of the transmission network and augmentation of the existing substations. In addition, the equipment and goods to be procured under Tranche 4 will be utilized to restore the transmission lines damaged during the recent floods and the other damages to be identified in the disaster recovery framework under preparation by the government with the support from ADB, World Bank, EU, and the UN.

The project will have two outputs.

Output 1 will include six subprojects to add a total of 2,680 MVA in substation capacity and about 350 km of transmission lines and procurement of goods for operation and maintenance of NTDC assets to reduce the substations breakouts. An additional electricity sale of 13,481 GWh and associated transmission network loss reduction of 135 GWh are expected due to the project upon commissioning in 2026.

Output 2 will involve support to gender mainstreaming in NTDC and increasing number of female professionals. The project is linked and sequenced with the MFF earlier projects. The proposed project is expected to have the positive medium to long term impact on the overall power sector and economy of Pakistan by addressing the emerging needs of the transmission network post floods, scaling up the transmission infrastructure to be at par with the increasing generation capacity contributing to the revival of post pandemic and post-calamity economy of the country and reduction of the circular debt through reliable and unconstrained electricity transmission. The project is aligned with ADB Strategy 2030 operational cluster 3 on infrastructure and economic connectivity and supports four operational priorities: (i) addressing remaining poverty and reducing inequalities; (ii) accelerating progress in gender equality; (iii) tackling climate change, building climate and disaster resilience, and enhancing environmental sustainability; and (iv) strengthening governance and institutional capacity. It is in line with ADB CPS, 2021-2025 for Pakistan. The proposed project supports Pakistan NDC mitigation measure on upgrading the transmission network and is aligned with the Paris Agreement criteria. It will contribute to the annual carbon dioxide emission savings of about 177,193 tons which accounts for energy efficiency and energy savings that will come from the use of high temperature low sag conductors and reduced technical losses. The proposed tranche 4 meets the selection criteria set forth in schedule 4 of the MFF FFA. The project is categorized effective gender mainstreaming aiming to support NTDC in institutionalizing gender focused aspects in its operations.

Investment Description

- Asian Development Bank (ADB)

Contact Information

Responsible ADB Officer:

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ACCESS TO INFORMATION

You can submit an information request for project information at: https://www.adb.org/forms/request-information-form

ADB has a two-stage appeals process for requesters who believe that ADB has denied their request for information in violation of its Access to Information Policy. You can learn more about filing an appeal at: https://www.adb.org/site/disclosure/appeals

ACCOUNTABILITY MECHANISM OF ADB

The Accountability Mechanism is an independent complaint mechanism and fact-finding body for people who believe they are likely to be, or have been, adversely affected by an Asian Development Bank-financed project. If you submit a complaint to the Accountability Mechanism, they may investigate to assess whether the Asian Development Bank is following its own policies and procedures for preventing harm to people or the environment. You can learn more about the Accountability Mechanism and how to file a complaint at: http://www.adb.org/site/accountability-mechanism/main.

Bank Documents

- Loan Agreement (Ordinary Operations) for Loan 4271-PAK: Second Power Transmission Enhancement Invest
- Project Agreement for Loan 4271-PAK: Second Power Transmission Enhancement Investment Program (Tranc
- Project Disclosure PDF [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Gender Action Plan
- Second Power Transmission Enhancement Investment Program (Tranche 4): Initial Environmental Examinat [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Periodic Financing Request Rep
- Second Power Transmission Enhancement Investment Program (Tranche 4): Procurement Plan
- Second Power Transmission Enhancement Investment Program (Tranche 4): Project Administration Manual
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 1 Initial Environme [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 1 TL Jamshoro-Mirpu [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 2 Jamshoro TM Khan [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 3 Social Compliance [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 4 Initial Environme [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 4 Jamrud-Sheikh Moh [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 5 Dharki-Rahim Yar [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 5 Initial Environme [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subproject 5 Rahim Yar-Bahawal [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Subprojects 3 and 6 Environmen [Original Source]
- Second Power Transmission Enhancement Investment Program (Tranche 4): Updated Resettlement Framework [Original Source]

Other Related Projects

- ADB-48078-002 Second Power Transmission Enhancement Investment Program
- ADB-48078-003 Second Power Transmission Enhancement Investment Program - Tranche 1
- ADB-48078-001 Power Transmission Enhancement Investment Program II
- ADB-48078-004 MFF Power Transmission Enhancement Investment Program II Tranche 2
- ADB-48078-005 MFF Power Transmission Enhancement Investment Program II Tranche 3