Early Warning System

ADB-54107-001

Electricity Grid Modernization Project

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Quick Facts

Countries	Nepal
Financial Institutions	Asian Development Bank (ADB)
Status	Proposed
Bank Risk Rating	B
Borrower	Government of Nepal
Sectors	Energy
Investment Type(s)	Loan
Investment Amount (USD)	$ 200.00 million

Project Description

According to the bank's website, "The project will finance high-priority electricity grid modernization investments both in transmission and distribution system in Nepal under the following outputs:

Output 1: Electricity transmission capacity in project areas strengthened and modernized. The project will finance (i) automation of 40 grid substations throughout the country; (ii) construction of 3 units of modern 132/11 kV grid substations with automation (each with 2x45 megavolt ampleres [MVA] capacity) together with 16 km of 132 kV double circuit underground line along Chobhar-Lagankhel-Sinamangal, and 5 km of 66 kV double circuit underground transmission line along Sinamangal-Chabahil in Kathmandu Valley; (iii) upgrading of 237 km of 132 kV transmission lines with more efficient high-temperature-low-sag conductors; and (iv) commissioning of transmission system consisting of 4 automated grid substations with capacity of 290 MVA and 48 km transmission lines in Myagdi and Dhading districts.

Output 2: Electricity distribution system in project areas modernized. This will include (i) construction of distribution control center in Kathmandu; (ii) installation of additional 350,000 smart meters in Kathmandu Valley; (iii) construction of 8 substations with automation along with distribution system reinforced and extended in Dhading, Dharan, Morang, Nepalgunj, Parasi, Sindhupalchowk and Surkhet; and (iv) 150,000 new households (including xx women-headed households) connected to the national grid.

Output 3: Capacity of NEA and electricity users in project areas strengthened. Considering the importance of continued support to NEA and users, the project will support increasing knowledge of (i) at least 40 eligible NEA staff (including 30% eligible women) on automation of grid substations; (ii) at least 30 eligible NEA staff (including 30% women) on NEA's organizational development; (iii) at least 20 eligible NEA staff (including 30% women) on putting in place improved billing and collection measures; and (iv) at least 2,000 electricity consumers in project areas (40% women and disadvantaged group on safe and efficient use at distribution centers. The project will also support implementation of key actions from NEA's gender equality and social inclusion (GESI) strategy and operational guidelines in its regional offices, to complement corporate level activities covered under a forthcoming project."

Investment Description

- Asian Development Bank (ADB)

Contact Information

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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

- Initial Poverty and Social Analysis [Original Source]
- Project Disclosure PDF [Original Source]

Other Related Projects

- ADB-54107-002 Electricity Grid Modernization Project - Additional Financing