Early Warning System

ADB-46343-001

Strengthening Electricity and Heat Supply Network in Ulaanbaatar

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Quick Facts

Countries	Mongolia
Specific Location	Ulaanbaatar
Financial Institutions	Asian Development Bank (ADB)
Status	Proposed
Bank Risk Rating	B
Borrower	Government of Mongolia
Sectors	Energy
Investment Type(s)	Loan
Investment Amount (USD)	$ 150.00 million
Project Cost (USD)	$ 160.00 million

Project Description

The project will develop and upgrade associated downstream facilities for electricity and heat evacuation for the combined heat and power plant number 5 (CHP 5), which is being developed through a public-private partnership modality. Together with the proposed CHP 5, it ensures reliable electricity and heat delivery not only to existing customers but also to as-yet unserved communities and entities in Ulaanbaatar, the capital city of Mongolia.

The proposed project comprises of (i) 220 kilovolt electricity transmission system development, (ii) electricity distribution system rehabilitation and upgrading which include an installation of advanced transformer technology for effective energy loss reduction, and (iii) heat transmission system development. The project will construct the essential electricity and heat transmission infrastructure to connect CHP to existing electricity grid and heating network to ensure full electricity and heat evacuation for CHP 5 in an efficient and reliable manner. Upon successful completion together with CHP 5 in 2020, it annually delivers up to 4,424 kilo giga calorie (kGcal) of heat to the densely populated central business district and the eastern districts having no access to central heating system, and up to 3,301 gigawatt hour (GWh) of electricity to central energy system including Ulaanbaatar.

Investment Description

- Asian Development Bank (ADB)

Japan Fund for the Joint Crediting Mechanism US$ 10.00 million

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

- Energy Efficiency and Urban Environment Improvement Project [Original Source]
- Erchim khuchnii ur ashig bolon khotyn khureelen bui orching saizhruulakh : Tosliin Medeelliin Tailan [Original Source]
- Project Disclosure PDF

Other Related Projects

- ADB-46343-002 Energy Efficiency and Urban Environment Improvement