

 Early Warning System

ADB-59110-001

Cambodia : Utility-Scale Battery Energy Storage Project



Quick Facts

| | |
|-------------------------|------------------------------|
| Countries | Cambodia |
| Specific Location | Phnom Penh |
| Financial Institutions | Asian Development Bank (ADB) |
| Status | Proposed |
| Bank Risk Rating | B |
| Borrower | Government of Cambodia |
| Sectors | Energy |
| Investment Type(s) | Loan |
| Investment Amount (USD) | \$ 40.00 million |
| Loan Amount (USD) | \$ 40.00 million |
| Project Cost (USD) | \$ 62.10 million |



Project Description

As stated by the ADB, the proposed project will (i) install a 200 MW/400 MWh of utility-scale BESS at a substation in the north of Phnom Penh to supply ancillary service for stabilizing the transmission grid and improving power quality, avoiding curtailment and (ii) enhance technical and regulatory capacity of EDC for technically and financially sustainable BESS operation. The project will aim at deploying at least 2100 MW / 4100 MWh of BESS capacity with grid-forming inverter in various locations across Cambodia mostly for ancillary services, peak load shifting and grid congestion relief.



Early Warning System Project Analysis

The ADB categorized the E&S risk of the project as follows:

- Environment - B;
- Involuntary Resettlement - B;
- Indigenous Peoples - C.



Investment Description

- Asian Development Bank (ADB)

As stated by the ADB, the total project cost is estimated at \$62.1 million, of which \$40 million is to be financed with ADB concessional OCR, \$20 million from the Green Climate Fund (GCF) through the ASEAN Catalytic Green Finance Facility Green Recovery Program (ACGF GRP) and the remainder through co-financing.



Private Actors Description

As stated by Devex, according to Decree No.665-NS of October 10, 1958, two companies, Water and Electricity (CEE) and the Electricity Indochina (UNEDI), united together as the sole company named Electricité du Cambodge.

In March 1996 (through the Royal Decree Jsc / Ratana / 0396/10 dated March 9, 1996), EDC was designated a limited liability company by the state responsible for transmission, transmission and distribution of electricity throughout the Kingdom of Cambodia. Electricite du Cambodge is a legal entity with administrative and financial autonomy with a commercial goal, with rights and responsibilities determined by law. EDC is directly responsible for all fees and liabilities, and all liabilities to the level of its value. At the same time, the provincial electricity units were transferred from the provincial Department of Industry, Mines and Energy to the power of Electricite du Cambodge:



| Private Actor 1 | Private Actor 1 Role | Private Actor 1 Sector | Relation | Private Actor 2 | Private Actor 2 Role | Private Actor 2 Sector |
|-----------------|----------------------|------------------------|----------|-------------------------|----------------------|------------------------|
| - | - | - | - | Electricite Du Cambodge | Contractor | Energy |



Contact Information

ADB Team Leader:

Shigeru Yamamura - Principal Energy Specialist

No contacts available at the time of disclosure.

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>.