Early Warning System

WB-P173088

Somali Electricity Sector Recovery Project

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Quick Facts

Countries	Somalia
Financial Institutions	World Bank (WB)
Status	Proposed
Bank Risk Rating	A
Voting Date	2021-06-30
Borrower	Federal Republic of Somalia
Sectors	Energy
Investment Type(s)	Grant
Investment Amount (USD)	$ 150.00 million

Project Description

According to bank documents, the objective is to increase access to electricity services and to re-establish the electricity supply industry in the Project Areas.

The project will consist of the following four main components:

1. Component 1 – Distribution network reconstruction, reinforcement and operations efficiency in the major load centers. Sub-transmission and distribution network reconstruction and reinforcement in the major load centers through integration of ESPs' distribution networks and existing generation to optimize distribution network operations and scaleup of generation capacity. These activities will support the electricity service providers to: (a) decrease in the cost of operations; and (b) improve electricity supply and reliability. The proposed distribution and sub-transmission investments will enable the establishment of integrated distribution offtake infrastructure to enable scale-up of generation and interconnection with neighboring countries.
2. Component 2 – Renewable energy generation optimization. Hybridization and optimization of existing generation for increased electricity supply through installation of Battery Energy Storage Systems (BESS) and solar PV systems at existing diesel-based generation stations. Such hybrid opportunities offer significant improvements in fuel efficiency, fuel consumption, extended generator lifespans, reducing GHG emissions and combustion pollution, along with less reliance on fuel imports. Further to the proposed efficiency enhancements under component 1, this subcomponent will support to increase the level of renewable energy penetration.
3. Component 3 – Electricity services for improved public services delivery (Health, Education and Water Supply Institutions). This component will support activities to provide electricity to existing public facilities in rural and peri-urban areas, underpinned by the nation-wide geospatial plan. Key activities under this component are proposed to include new hybrid mini-grids and standalone solar PV systems augmented by BESS targeting public institutions as the anchor loads and where viable associated distribution network to connect other loads such as SMEs and households. Besides playing a key role in enablement of community co-benefits, facilities that have access to electricity may be better positioned to attract and retain skilled workers, especially in rural areas. Further, this will equip public service institutions to better respond to emergencies, such as COVID-19.
4. Component 4 - Sector Capacity Enhancement and Project Implementation Capacity Support. Proposed activities include: (a) strengthening of sector governance and regulation to foster autonomy, accountability and transparency; (b) increasing sector operational efficiency; (c) undertaking of sector integrated planning analytics, including a Sector Least Cost Development Plan - covering generation, transmission and distribution - and an Electricity Access Plan, particularly for rural areas with related Investment Prospectus – both underpinned by a geospatial least-cost analysis. The technically sound sector plans will enable a sector-wide development framework to enhance crowding-in of funding, both private and public; and (d) project implementation support. Activities will also support to day-to-day sector undertakings with Business Support Services (BSSF) to re-establish the Somali electricity sector - providing hands-on policy, oversight, operations and management trainings and capacity building of sector staff.

Investment Description

- World Bank (WB)

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ACCESS TO INFORMATION

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Bank Documents

- Concept Project Information Document (PID) - Somali Electricity Sector Recovery Project - P173088 [Original Source]