

Dibe Gaya Health Center

Dibe Gaya



Business Details

3 

Number Of Powerblox

June 2023 Date of installation

1 
Number of locations

100% Loan percentage paid back within 8 months of installation

134,400 ETB

Total cost paid



The Energy for Rural Start-Ups initiative, a joint venture between Caritas Switzerland and Power-Blox AG, pioneers rural electrification in Ethiopia. Utilizing Swiss-developed Powerblox (PBX) swarm battery technology, it aims to provide last-mile connections to off-grid rural households by applying a nano-grid approach, bridging gaps between solar home systems and larger mini-grids. In its first phase June 2023 - January 2024, 87 Powerblox were installed in 49 locations, empowering 14 micro-enterprises, 2 cooperatives, and 6 public institutions in rural areas of Oromia Region. With a 100% Powerblox payback rate within 10 months, the initiative demonstrates business viability and fosters economic growth, household resilience, and social inclusion. Scaling up, the aim is to install 7,000 Powerblox, electrify 100,000 households, 1,000 health centres, and empower 5,000 SMEs, supported by a sustainable financing and operation model and public institutions.

Top 4 appliances & revenue streams



HOSPITAL EQUIPMENT

Offering 24/7 laboratory service to both the main center and the 6 health posts associated with it.

Microscope

Refrigerator

Centrifuges



MOBILE CHARGING

Granting medical professionals internet access for professional development through offering a mobile charging service.

Charging station

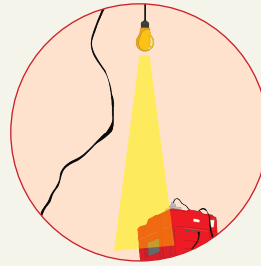


OFFICE APPLIANCES

Distributing printed hard copies of medical reports to the six health posts affiliated with the health center and running the office machines smoothly.

Desktop

Printer



LIGHTING

Offering nocturnal child delivery service and surgical procedures.

Lamps

Key Achievements

1630 ETB
28 USD

Average weekly energy savings

16,492 Number of people the center services

The rural electrification at Dibe Gaya Health Center has resulted in the enhancement of healthcare services and an improvement in operational efficiency. The center utilizes a range of appliances such as lighting systems, phone charging services, laboratory equipment, printers, desktops, and laptops to ensure the delivery of high-quality healthcare.

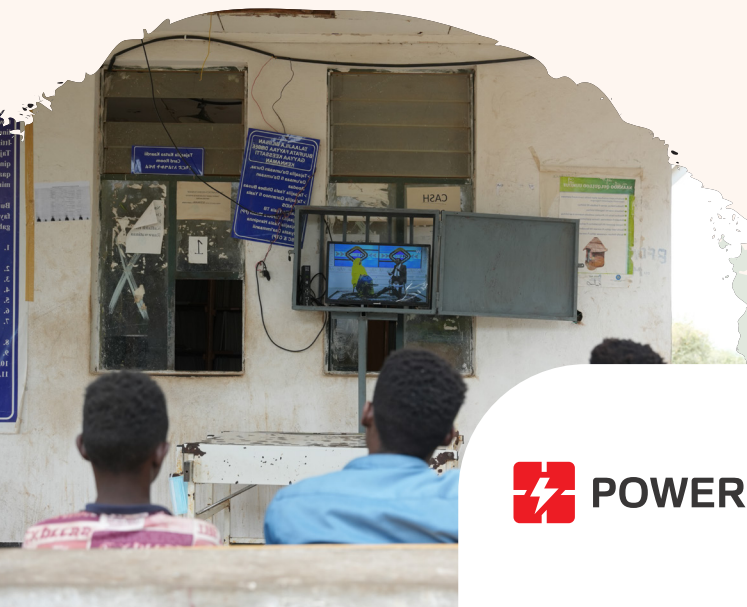
Through efficient resource utilization and cost savings, the health center serves as a crucial healthcare facility, positively impacting the well-being and health outcomes of its population of 16,492.

Join the effort

Partner with us to revolutionize rural electrification in Ethiopia. Learn more about our initiative and impact and discover how to get involved on our website today.



*The PBX are currently 50% subsidized to support the pilot phase and simulate the landing price during commercial scaling.



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