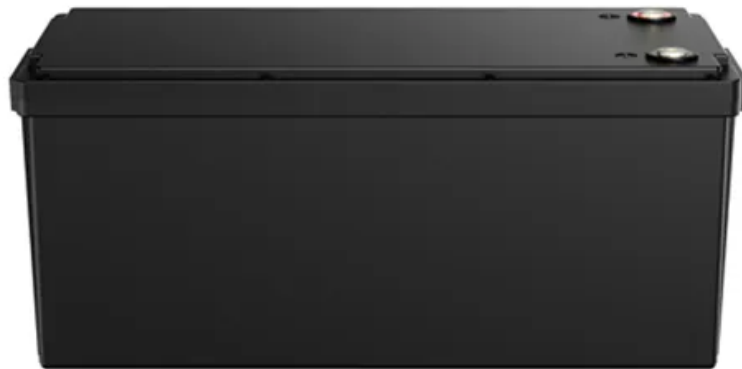


ContainerPower Energy Solutions

Rwanda Energy Storage Base Project



Overview

What is EnDev Rwanda doing to expand its PUE activities?

To expand its PUE activities, EnDev Rwanda acquired funding from the Netherlands Enterprise Agency (RVO) Innovation Fund. The new project titled “Cold Storage as a Service” pilots an innovative solar-powered cold storage technology and business model in cooperation with a private sector partner at local market sites in Rwanda.

What is EnDev's role in achieving universal energy access in Rwanda?

The key objective of the two RBF programmes was to boost energy access markets through private sector-led development. Through the RBF programmes, EnDev has contributed to positioning off-grid renewable energy technologies as a means to achieving universal energy access in Rwanda.

How is the electricity system managed in Rwanda?

The entire grid system is being managed using the Supervisory control and data acquisition (SCADA) system. To date, 51% Rwandan households have access to electricity, connected to the national grid (37%) or through off-grid systems (14%).

How many micro-hydropower projects are there in Rwanda?

Rwanda's major Rivers have proven 333 potential sites for Micro-hydropower countrywide. Opportunities exist in Micro and Small Hydropower projects and shared regional hydropower projects with East Africa (EAC) Partners. A couple of micro and mini small Hydropower Projects are currently under construction.

Does Rwanda have universal electricity access?

The Government of Rwanda (GoR) universal electricity access by considerable progress towards that. Electricity access has increased from 19% in 2014¹ to more than 75% in 2022.² EnDev Rwanda, active since 2009, has contributed

to the government's endeavours on innovative approaches to support the development of new markets.

Why is a parallel energy policy approved in Rwanda?

As the Government of Rwanda is promoting alternative sources of electricity such as solar home systems, a parallel policy has been approved to encourage people to make productive use of the power on the national grid, in order to bridge the demand-supply imbalance, while making economic sense of future energy investments.

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