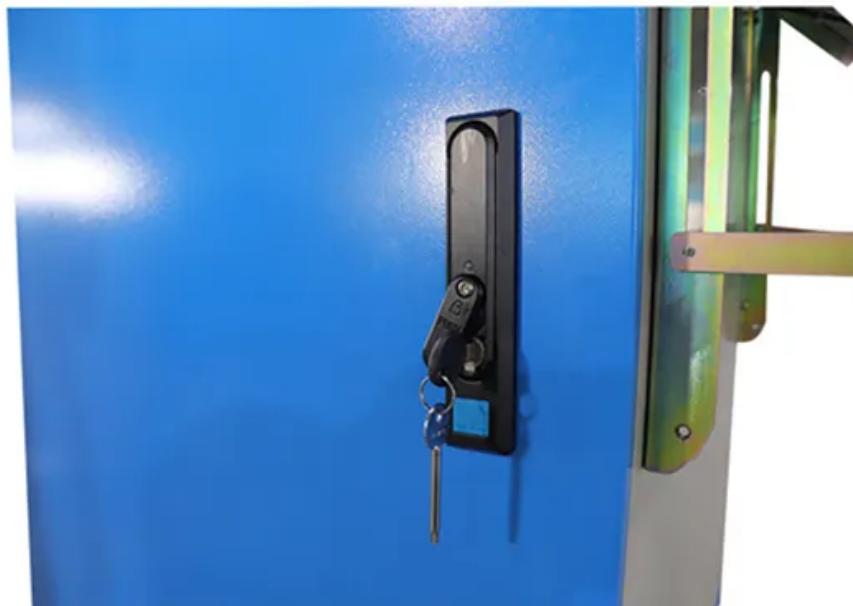




SolarTech Power Solutions

Rwanda Energy Storage Equipment Transformation Company



Overview

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.

What are Rwanda Energy Group and EDCL?

Rwanda Energy Group is the implementing Company for energy sector in Rwanda, providing technical assessment, cooperation, and Power Purchase Agreements. It has two subsidiary companies: EDCL and EUCL.

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.

Who is implementing a mini-grid system in Rwanda?

Rwanda Energy Group is the implementing company for mini-grid systems in Rwanda. They provide technical assessment, cooperation, and Power Purchase Agreements for the projects, which are being installed from different resources such as solar, hydropower, and biomass (20 sites identified, and the

feasibility is completed). Ministry of Infrastructure is responsible for policy and strategy formulation.

Does Rwanda need a methane-to-power project?

Rwanda wishes to utilize this resource to develop methane-to-power projects and other uses such as fertilizer and industrial use. The Methane in Lake Kivu is estimated to be sufficient to generate 700 MW of electricity over a period of 55 years. Rwanda's share of the total generation potential is about 350 MW, with the rest being DRC's share.

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Contact Us

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