A device that stores electrical energy Burkina Faso

The Ministry of Energy, Mines and Quarries (MEMC) launched Burkina Faso"s AMP National Project on 16 February 2023. The program will focus on enabling innovation and technology transfers in decentralized renewable energy distribution and storage solutions.

This renewables readiness assessment (RRA) for Burkina Faso presents key recommendations to accelerate the country"s energy transition, with a view to securing a sustainable, affordable energy supply, increasing rural energy access, diversifying the economy and addressing climate change.

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

According to the Burkina Faso government"s roadmap, by deploying 60-70 MW (160-220 MWh) of independent battery electricity storage solutions (i-BESS), the energy sector could potentially save between 800 million and 1.8 billion CFA francs (EUR1.2 million to EUR2.7 million) per year, while reducing CO2 emissions.

The growing demand for energy services and the strong political will towards rural electrification create substantial opportunities for the development of a vibrant, decentralised, clean energy market. Research shows that 47% of the population of Burkina Faso would optimally be served by clean hybrid mini-grids and stand-alone solar systems.

The International Finance Corporation (IFC) will assess the economic benefits of deploying energy storage in Burkina Faso and its contribution to a possible increase in the installation of solar power generating capacity in the West African nation.

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The electricity transmission network has been identified as a key area requiring urgent attention and action to advance energy transitions in 2024, both globally and in most regions. Serving as the backbone of modern energy systems, multidirectional, integrated, and smart networks with dynamic storage require significant investments, technological

Access to energy is a major challenge in Burkina Faso, with only 22.5% of the population benefiting from

electricity, particularly in rural areas. This highlights the need to develop innovative solutions to improve energy supply.

Société Nationale d"Electricité du Burkina (Sonabel) invites bids by 20 November for the design, supply and installation of a 10MW/8MWh lithium-ion battery energy storage system at the Ouagadougou Nord-Ouest solar PV project site.

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