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Burkina Faso is currently setting up a regulatory framework for the purchase of electricity from IPPs (Independent Power Producers) [53], rapid unbundling of the energy sector and effectively attracting private investments in storage along with subsidies favorable for financing PVs to reach the target of 65% electrification by 2030.

It outlines how Burkina Faso could reduce its reliance on fossil fuels and energy imports by taking advantage of its fast-growing solar power sector. The report found that by deploying 60-70MW (160-220MWh) of independent battery energy storage solutions (i-BESS) the energy sector could potentially save between 800 million and 1.8 billion FCFA ...

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Ouagadougou, Burkina Faso, February 24, 2020 - IFC, a member of the World Bank Group, signed an agreement with Burkina Faso's Ministry of Energy to assess how private investment in energy storage can contribute to higher levels of solar power production while enhancing grid stability and dispatch issues.

According to the International Renewable Energy Agency, energy storage deployment in emerging markets is expected to increase by over 40% annually from 2020 until 2025. With liquified petroleum gas (LPG) company Sodigaz, the IFC seeks to improve access to cleaner energy solutions for the Burkina Faso population.

Burkina Faso could drastically increase the use of renewable energy in its power mix by developing battery storage solutions through public private partnerships, according to a roadmap supported by IFC. The roadmap was produced by Burkina Faso's Ministry of Energy and the national utility, Soci  t   Nationale d'Electricit   du Burkina (SONABEL ...

Additionally, a 5 MW/20 MWh battery storage system will be installed to ensure efficient electricity storage and distribution. Burkina Faso's Ministry of Energy, Mines, and Quarries aims to improve energy reliability at Donsin airport while increasing the country's overall power generation capacity.

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in the West African nation.

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.

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