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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.

It is understood that access to clean and affordable energy is a major driver for prosperity and well-being of a people, the results from this study aim at contributing towards increased energy access and rapid electrification for Burkina Faso and other West African countries with similar conditions.

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Like wind power, solar energy is intermittent and only feeds the grid during the day. To solve this problem, Burkina Faso wants to direct some of the funding to battery-based electricity storage systems that will meet demand after sunset.

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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 ...

Ouagadougou, Burkina Faso, October 8, 2021-- 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.

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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.

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.

Under this agreement, IFC will assess the economic benefits of storage to integrate solar capacities to the grid and decrease the overall generation costs, review the country's legal and regulatory frameworks and compare private and public storage project development and financing models.

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