



# Microgrid energy storage angola

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Angola announced its Ministry of Finance has received \$1.4 billion to construct a photovoltaic (PV) electricity distribution infrastructure for its provinces and rural villages across the country, including Moxico, Lunda Norte, and Malanje.

The funds, provided by Standard Chartered and backed by Euler Hermes, a German export credit agency, will allow Angola to purchase 48 hybrid PV generation systems. These systems will have energy storage capabilities, which will create autonomously operating mini-grids and provide 100% renewable electricity to nearly one million residents.

"The new generation systems will support rural villages across the country to become more self-sufficient and less reliant on Angola's main electricity network," said Standard Chartered.

Prior to that, Breanna was managing editor for Machinery Lubrication and Reliable Plant magazines, both part of Noria Corp. She has two years experience covering the industrial sector.

Lobito Atlantic Railway train carrying mineral cargo to the Port of Lobito (Courtesy of Lobito Atlantic Railway)The U.S. partnership with Angola is bringing major investments in transportation, clean energy and other projects that will further connect the southern African nation to the global economy and increase opportunity.

The United States and G7 partners Italy and the European Union are investing in the Lobito Corridor, a trade route that connects Angola's Atlantic Port of Lobito to Zambia and the Democratic Republic of the Congo through a new and refurbished railway, and numerous other projects.

The revitalized corridor, part of the U.S. and G7's Partnership for Global Infrastructure and Investment (PGI), will spur economic growth through transportation infrastructure, digital connectivity, health resources, clean power and agricultural development projects.

The United States supports efforts to upgrade a port and 800 miles (1,287 kilometers) of the Lobito Atlantic Railway. The railway will transport minerals needed for clean energy production, and will boost regional trade and development by improving access to global markets.

Despite its 40 million hectares of arable farmland, Angola has traditionally imported most of its food. Now with the support of the U.S. and other partners, Angola is poised to become an agricultural hub.

Through the PGI, the U.S. supports efforts of the Carrinho Group, Angola's largest food producer, to build a reliable local food supply for Angola and the region. Carrinho provides farmers with seeds, fertilizers



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and money to grow their businesses.

The U.S. Agency for International Development (USAID), in partnership with ExxonMobil, Azule Energy and Grupo Simples, is training rural women in Angola on farming techniques, literacy and other skills needed to secure land rights, access jobs and increase agricultural productivity.

The U.S. has invested in Angola's public health for decades, contributing significant resources in the fight against HIV/AIDS and malaria. The U.S. President's Emergency Plan for AIDS Relief (PEPFAR) aims to end HIV/AIDS as a public health threat by 2030. To date, PEPFAR has:

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