

SolarInnovate Energy Solutions

Sierra Leone Outdoor Energy Storage



Overview

Why does Sierra Leone need infrastructure investment?

The Government of Sierra Leone is also seeking infrastructure investment to support expansion of energy distribution and transmission networks. Sierra Leone has good access to natural resources necessary for energy production such as access to viable wind speeds and sunshine for renewable wind and solar projects.

What investment opportunities does Sierra Leone offer?

Sierra Leone offers investment opportunities in several segments of the energy industry including wind energy, solar energy, hydro, and bioenergy. The Government of Sierra Leone is also seeking infrastructure investment to support expansion of energy distribution and transmission networks.

Why is solar power so expensive in Sierra Leone?

It is delivered at a very high cost with Sierra Leone having one of the highest electricity tariffs in the sub-region. There are numerous waterfalls for hydropower and abundant sunlight for solar power generation with an estimated hydro project potential of more than 1000MW, while solar opportunities are above 240 MW.

Why is Sierra Leone a good country?

Sierra Leone has good access to natural resources necessary for energy production such as access to viable wind speeds and sunshine for renewable wind and solar projects. The country is also well positioned to support hydro-electric power with high rainfall levels at 2500mm/year.

Does Power Africa support Sierra Leone?

Power Africa supported Sierra Leone in 2015 with a \$44.4 million four-year threshold program through the United States Millennium Challenge Corporation (MCC).

What is the Côte d'Ivoire-Liberia-Sierra Leone-Guinea Interconnector project?

Additionally, the Côte d'Ivoire-Liberia-Sierra Leone-Guinea (CLSG) interconnector project, under the West African Power Pool (WAPP) program, aims to provide an increased supply of electricity to these countries to meet the growing demand and will create an incentive for hydropower potentials that exist in Sierra Leone.

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