

## ContainerPower Energy Solutions

# Solar Energy Storage Planning in Haiti



## Overview

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The Haitian Government plans to expand electricity access through solar photovoltaic-based mini grids with storage, micro-grids, and stand-alone solar systems, under its national electrification strategy analysis assisted by World Bank. Can solar power be used in Haiti?

Global Green, Green Energy Solutions, and Top Power Haiti are some of the initiatives that have a goal to bring solar to areas of Haiti for sustainable energy usage. Already, their initiative has proved to be beneficial to a few projects and buildings in the country.

Why is distributed solar PV the only energy source in Haiti?

Since only about 13% of the people even have grid access, distributed solar pv is the only energy source that can supply all the people electricity for now. Haiti has limited energy resources: no petroleum or gas resources, small hydroelectricity potential and rapidly declining supplies of wood fuels.

What is the solar power plant capacity in Haiti?

The solar power plant in Haiti has a capacity of 1.2 MWp. It is located in the Commune of Jacmel, South-East Department, and is connected to the regional electricity network of Jacmel.

What is a community-scale solar & battery storage micro-grid?

The Project aims to develop 22 community-scale solar plus battery storage micro-grids in southern Haiti in communities where currently no grid power exists. The Project will provide affordable and reliable 24/7 access to modern energy services in communities previously identified through extensive market scoping in this region of the country.

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