

# **Dominica energy storage project connected to the grid**





## Overview

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What is the Dominican energy project?

This project is designed to support the Commonwealth of Dominica in developing and integrating clean, sustainable and low-cost energy. Through this \$38.5 million project, a new robust transmission network will be built to withstand natural hazards, strengthening Dominica's electricity grid.

How will a new transmission network strengthen Dominica's electricity grid?

Through this \$38.5 million project, a new robust transmission network will be built to withstand natural hazards, strengthening Dominica's electricity grid. The challenges faced by Dominica, as a Small Island Developing State, are multi-faceted, stemming from natural hazards, topographical constraints, and external economic shocks.

How is Dominica transforming geothermal energy?

"Dominica is making significant strides in geothermal energy, with innovative investments to deliver clean, low-cost electricity to its citizens and thereafter, the Eastern Caribbean. With support from the World Bank and the Government of Canada, we are building a resilient network for geothermal energy transmission.

Why is Dominica struggling with electricity?

Dominica's electricity sector is currently challenged by outdated infrastructure, largely dependent on aging diesel generators which result in high electricity expenses and an unreliable power supply, hampering the country's competitiveness.



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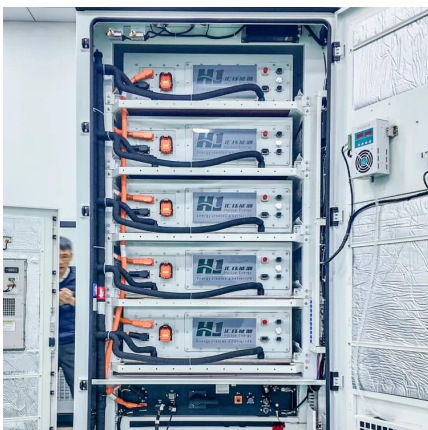


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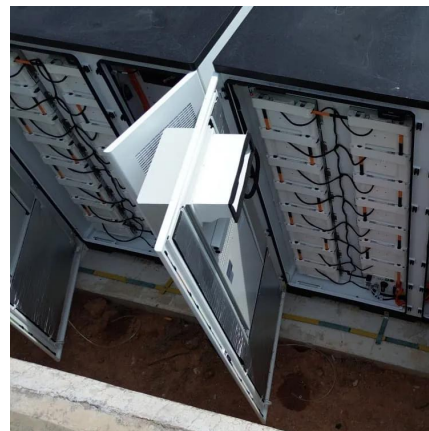


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### Dominica mit energy storage

A 5-megawatt/2.5 megawatt-hours battery energy storage system is slated to provide the Commonwealth of Dominica the necessary reserve power from existing sources of renewable ...



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