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Dominica Power Generation Container



Overview

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.

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.

Who financed the Dominica geothermal network?

The network is financed by the World Bank, and Dominica Geothermal Development Company (DGDC) is the executing agency. The network will be owned by the Government of Dominica and operated by DOMLEC. The network will be designed to international technical, safety and environmental standards.

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Dominica's electricity sector is currently challenged by outdated infrastructure, largely dependent on aging diesel generators which result in high electricity expenses and an unreliable power supply, hampering the country's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

What is Dominica geothermal risk mitigation project?

The World Bank's ongoing Dominica Geothermal Risk Mitigation Project is supporting the development of the first geothermal power plant through

drilling of new geothermal wells, critical for plant viability and increasing its capacity. The project will also oversee technical studies.

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