

## Solar panel instead of roof El Salvador

## What is El Salvador's first state-owned solar power project?

Salvadorean state-owned hydro power producer Comision Ejecutiva Hidroelectrica del Rio Lempa(CEL) this week launched construction of a 17-MWp solar PV farm in the south-west part of El Salvador. The project has the distinction of being El Salvador's first state-owned solar power initiative -- from the design and planning to execution, CEL said.

Where is El Salvador building its first solar energy plant?

Photo: CEL. San Salvador -- The state-owned and autonmous Comisión Ejecutiva Hidroeléctrica del Río Lempa (CEL) of El Salvador will build its first solar energy plant in the country,in the municipality of Talnique,in La Libertad department in the country's southwest, around 30km (18.5 miles) west of the Salvadoran capital.

When will El Salvador start building a solar park?

El Salvador's Lempa River Hydroelectric Executive Commission (CEL) has started building a 17 MW solar park. It is the first to be owned, designed, planned and executed by the national authorities. It is scheduled to start operations in December 2023. Envisioned layout of the Talnique solar park in El Salvador.

Where is El Salvador's first solar park located?

Envisioned layout of the Talnique solar park in El Salvador. The state of El Salvador has started building the country's first publicly owned solar park. It is being installed in the municipality of Talnique, La Libertad department. It will have an installed capacity of 17 MW, with operations expected to start in December 2023.

Santa Rosa and Villa Sol are in El Salvador's Quezaltepeque region and will generate a combined 45.7 GWh of solar energy in the first year, with a projected annual revenue of around USD 4.4 million. The projects'' solar ...

The plant will feature 29,600 solar panel modules with bifacial technology, which means that they will generate power on both sides of the panel. The plant's site covers the equivalent of 19 city blocks.

Talnique Solar boasts 29,904 solar panels spread across 19 acres, with an installed capacity of 17 megawatts peak. This substantial output will provide clean energy to over 2 million users on the national grid. Álvarez added that the project not only represents an engineering feat but also a social commitment to future generations.

This would join the Talnique Solar plant, operated by Inversiones Energéticas (INE), which has an installed capacity of 17 megawatts thanks to the 29,600 bifacial solar panels placed on a 19-block plot of land.

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The Salvadoran Government, under President Nayib Bukele, is advancing the construction of Talnique Solar, the country's first state-owned solar power plant. Anticipated to start operations by the end of 2023, it will supply renewable energy to roughly 25,000 households.

The project has the distinction of being El Salvador's first state-owned solar power initiative -- from the design and planning to execution, CEL said. The plant project is named Talnique Solar and is located in the town of Talnique in the La Libertad department.

The photovoltaic farm has more than 34,200 solar panels, which will generate around 30,000 megawatt hours (Mwh) of clean energy per year, which will help provide electricity with lower costs to some 19,000 Salvadoran homes.

Santa Rosa and Villa Sol are in El Salvador's Quezaltepeque region and will generate a combined 45.7 GWh of solar energy in the first year, with a projected annual revenue of around USD 4.4 million. The projects'' solar power offers substantial environmental benefits, preventing nearly 11,000 tons of CO 2 emissions per year.

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The new photovoltaic project, the second under the Bukele administration, aims to generate around 20 megawatts with solar panels installed on CEL's hydroelectric plant grounds. Álvarez confirmed that the project has received feasibility approval, and they are currently exploring financing options for its construction in the coming months.

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