

Panama s new outdoor solar power hub



Overview

Panama has unveiled its largest solar power facility to date: the \$70 million El Espino solar park. Located in Coclé, the project marks a significant advancement in Panama's renewable energy landscape, featuring a vast array of solar panels with an electricity generation capacity of 105. El. Panama formally inaugurated the Santiago Solar Park, a \$70 million investment by the Naiad Renovables Group with a capacity to produce 86,333 megawatts peak (MWP), providing a new boost to renewable energy in this country, where the photovoltaic and wind energy segments accounted for 12.9% of total. The Madre Vieja solar project is located in Panama, in the Municipality of Progreso (district of Barú, province of Chiriquí), near the east coast. It will be equipped with a total of around 70,000 solar panels. The country has reached 170 megawatts (MW) of installed capacity in self-consumption systems and surpassed 6,000 active users, marking a 42% growth in 2025 alone, according to the National Public Services Authority (ASEP). This momentum. Panama built 143.4 MW of new solar in 2024, bringing its total installed PV capacity to 695. The project is handled by the company's renewables business Enel Green Power, which manages its clean energy assets in Colombia.

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Panama Solar Power Market Outlook to 2030

According to Blackridge Research, the outlook for solar PV installation remains strong in the medium term, and the market is expected to expand during the forecast period due to compelling economics, ...

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Panama installs 143.4 MW of new solar in 2024

Panama built 143.4 MW of new solar in 2024, bringing its total installed PV capacity to 695.55 MW by the end of the year.



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Exploring Panama's Green Energy Landscape: Current and Future

With abundant sunshine year-round, solar energy is a promising avenue for Panama's energy diversification. The government has made strides in this area, promoting several solar power projects ...

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Panama Solar Energy 2024: Capacity Surges with 143.4 MW Growth

The expansion reflects Panama's proactive steps to harness solar energy for its growing electricity demands. By integrating more solar power into its grid, Panama is reducing its carbon ...

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Panama taps solar energy to heat water and reduce deforestation

Termosolar Panama is part of a wider Panamanian effort to move away from fossil fuels. This includes a national strategy to deploy 1 million square meters of solar thermal technology ...

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Solar Energy Boom in Panama: A Bright Future for Off-Grid Living and

Panama's solar energy market surged 42% in 2025, reaching 170 MW of capacity and 6,000 users. This boom is fueling real estate opportunities in off-grid areas like Cambutal and Torio, ...

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\$70 Million is the Investment in Panama's New Solar Park



Panama formally inaugurated the Santiago Solar Park, a \$70 million investment by the Naiad Renovables Group with a capacity to produce 86,333 megawatts peak (MWP), providing a ...

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Panama's El Espino Solar Park: A 105.6 MW Clean Energy Leap

Panama has unveiled its largest solar power facility to date: the \$70 million El Espino solar park. Located in Coclé, the project marks a significant advancement in Panama's renewable ...



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Madre Vieja Solar Project, Panama

The Madre Vieja solar project is located in Panama, in the Municipality of Progreso (district of Barú, province of Chiriquí), near the east coast. It spans approximately 33 hectares and will have an ...

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Enel Green Power kicks off 29.9-MW solar project in Panama

The project is handled by the company's renewables business Enel Green Power, which manages its clean energy assets in Colombia, Guatemala, Panama and Costa Rica. The new solar ...

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