



Gigawatt Solar Project in Honduras





Overview

In 2022, Honduras' energy mix was dominated by oil, constituting 54.9% of the total energy supply, followed by biofuels and waste at 32.2%. Modern renewables like hydro, solar, and wind, excluding traditional biomass practices like burning wood or agricultural residues, accounted for 12.9%. In 2024, the country had 849 MW of installed capacity in hydro power. There.

Managing \$1.2 billion in assets, the fund has proposed a \$200 million investment in a 200 MW solar project. The solar project is expected to generate 200 MW of capacity and 300 gigawatt-hours of electricity annually, enough to power 300,000 homes.

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Honduras's IHSS pension fund is considering a significant investment to tackle the country's energy deficit. Managing \$1.2 billion in assets, the fund has proposed a \$200 million investment in a 200 MW solar project. The solar project is expected to generate 200 MW of capacity and 300.

TERRERO BLANCO, Honduras, March 26, 2025 /PRNewswire/ -- ZNShine Solar, a global leader in photovoltaic technology, today announced its role as module supplier for the 50MW Patuca Solar Project in Honduras. The project, developed by Empresa Nacional de Energía Eléctrica de Honduras (ENEE) and used.

With three projects now operating in Brus Laguna, Guanaja and Patuca, the country has added 54 MW of state-owned solar capacity through an investment of 1.588 billion lempiras. This expansion aligns with a national roadmap targeting more than 3,000 MW of new renewable capacity by 2030 and comes.

With over 300 days of annual sunshine, Honduras has one of Central America's highest solar irradiation levels – averaging 5.5 kWh/m²/day. Yet less than 12% of its electricity currently comes from renewable sources. As energy demand grows by 4.7% yearly, blackouts cost businesses \$180 million in.

Honduras is significantly boosting its solar energy production with the addition of new solar parks and hybrid projects, thereby enhancing its position as a leader in



renewable energy in Central America. This nationwide push includes landmark projects like the Nacaome II and Arenal solar parks.

The Honduran government and DanaSun Energy Honduras have signed an MoU to develop a 300 MW photovoltaic solar plant with 60 MW of storage in Choloma, Cortés. The initial phase will include 100 MW of solar capacity and 20 MW/80 MWh of storage, with operations expected to begin between March and



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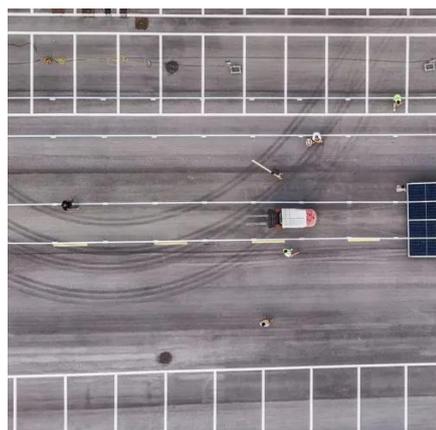
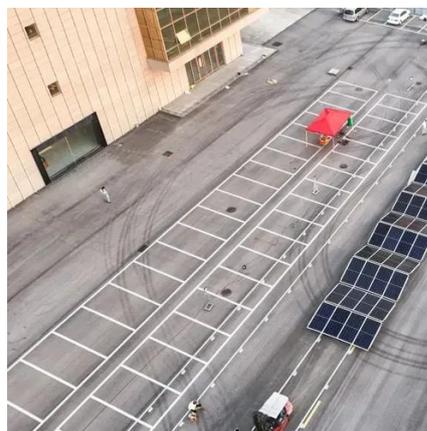
Renewable energy in Honduras

In 2015, Honduras ranked as the second largest producer of solar electricity in Latin America (behind Chile, but ahead of Mexico). Honduras has a large potential for solar photovoltaic ...



Honduras Advances with 54 MW of Public Solar Projects in ...

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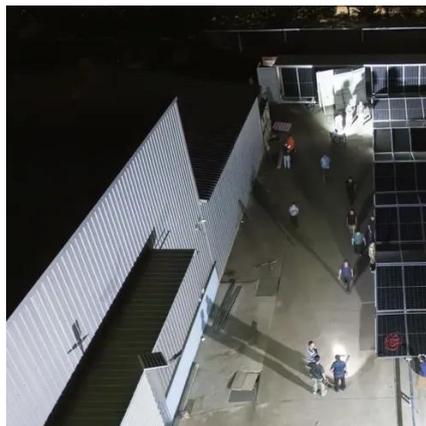


[Honduras Boosts Solar Power with 200 MW Pension Fund ...](#)

The 200 MW solar project in Honduras is expected to create up to 1,000 jobs during construction and hundreds of long-term jobs once operational, stimulating the local ...

[Honduran Government and DanaSun Energy to ...](#)

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Honduras solar energy: Impressive 2024 expansion proven

The new solar projects are expected to significantly reduce greenhouse gas emissions, contributing to Honduras' commitment to combat climate change. By increasing the ...



ZNShine Solar Powers Honduras' Renewable Future with 50MW Patuca Solar

Scheduled for commissioning in October 2025, the installation will significantly expand Honduras' renewable energy capacity while supporting national energy security goals.



Honduran Government and DanaSun Energy to develop 300 MW solar ...

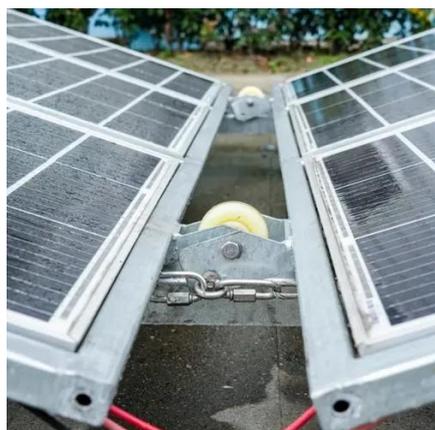
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[Planta Fotovoltaica Los Prados \(53 MW\), Namasigüe, Honduras](#)

Once constructed it will be the second project in Honduras owned by the Norwegian company Scatec Solar ASA [1]. In total it will cover a surface of 88.2 hectares and will be ...



Perla Project Guanaja - Electrifying Remote Areas , Solartia

The PERLA project in Guanaja, Honduras features 600 kWp of solar capacity, 576 kWh of battery storage, and a 3184 kVA thermal generation backup system, designed in just ...

Potential for Honduras solar capacity to jump over 50% with ...

Honduras' government and company Danasun Energy, part of Chinese group Texhong, have signed an MOU for a US\$300 million, 300MW solar project. The photovoltaic ...



[Honduras solar energy: Impressive 2024](#)

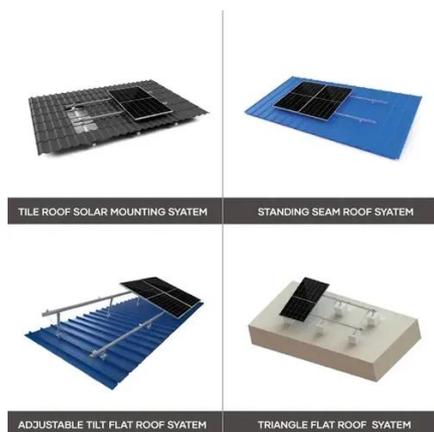
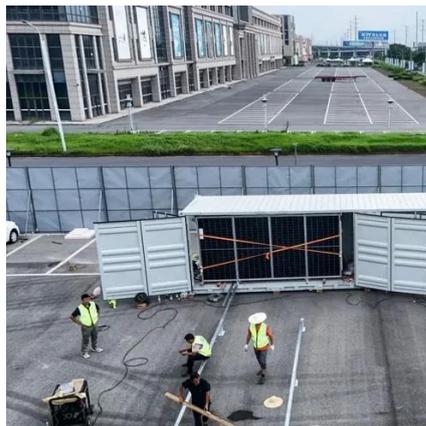
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Solar Power in Honduras: The 2025 Energy Revolution

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Honduras Boosts Solar Power with 200 MW ...

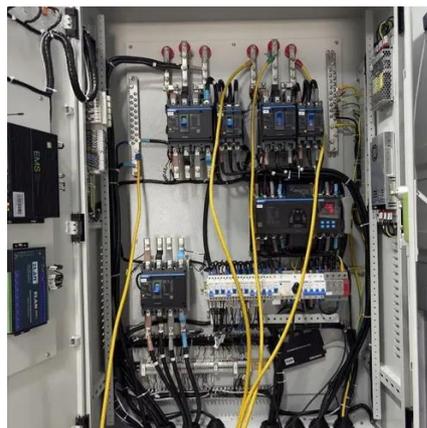
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