

## European Solar and Energy Storage Solutions

# Puerto Rico solar and electricity



## Overview

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Does Puerto Rico have a solar program?

To further assist Puerto Rico's energy resilience and clean energy goals, DOE today announced that on February 22, 2024, residents can apply for DOE's Programa Acceso Solar (Solar Access Program) — a program designed to connect up to 30,000 low-income households with residential rooftop solar and battery storage systems with zero upfront costs.

How can Puerto Rico meet its energy goals?

The federal study is expected to be completed by the end of this year. Four different scenarios have been modeled to meet Puerto Rico's targets — all include more rooftop solar combined with battery storage. First is a focus on installing distributed energy on buildings where owners could then get the financial benefits of generating electricity.

How much energy does Puerto Rico get from renewables?

Less than 2 percent of the \$9.5 billion allocated by FEMA for permanent restoration of the grid has been disbursed, according to data from the Puerto Rico Central Office for Recovery, Reconstruction and Resiliency. Puerto Rico gets only 3 percent of its energy from renewables, nowhere near its policy targets.

How much money does Puerto Rico have to pay for solar?

Up to \$190 million is available to Puerto Rico's Housing Administration and a private company to pay for solar and battery installations in public housing common areas and subsidized, multifamily housing properties. Another \$175 million is available for certain healthcare and dialysis centers.

Can solar panels help a low-income Puerto Rican household?

Funding will Support Solar Panels for up to 40,000 Low-Income Households and Create Local, Good-Paying Jobs; Part of a \$1 Billion Effort to Increase

Resilience for Puerto Rican Households.

What's going on with Puerto Rico's energy plan?

The plan is to transition away from imported fossil fuels — petroleum, natural gas and coal — to cleaner sources such as solar and wind. Another goal is to make electricity more affordable. The island's power rates are about twice as high as average rates across the U.S. The federal study is expected to be completed by the end of this year.

## Puerto Rico solar and electricity

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### Convergent Energy and Power Receives Conditional ...

2 ???· These systems would generate power directly to Puerto Rico's grid and provide energy storage benefits necessary for Puerto Rico's goal of achieving 100% clean energy resources by 2050.

### Feds Select Four Project Teams to Strengthen Puerto Rico's Electric

A team led by Puerto Rico Public Housing Administration is negotiating for an department award of up to \$83.2 million, and a team led by Dynamic Solar Solutions is negotiating for up to \$107.3



### Solar Plus Storage to Power Hospitals and Housing in Puerto Rico

1 ??· Renewable technology is helping Puerto Rico improve its energy resilience as the island continues to recover from multiple disasters in the last few years.. The U.S. Department of Energy recently announced a major award to equip buildings with solar plus battery storage technology.

## U.S. Department of Energy

## Announces \$325 Million for Solar and ...

WASHINGTON, D.C. - Today, the U.S. Department of Energy (DOE) announced a \$325 million funding opportunity for the new Programa de Comunidades Resilientes, funded by a second tranche of DOE's Puerto Rico Energy Resilience Fund (PR-ERF). This program aims to improve community-level energy resilience for vulnerable populations across ...



## Velázquez and Schumer secure \$365 million in funding for ...

4 ????. Velázquez and Schumer issued a joint statement Friday, Dec. 12, announcing that they had secured \$365 million in funding for the DOE's new program for renewable energy in ...

## DOE anuncia garantía de préstamo a través de LPO para finca solar ...

11 ????. Nueva York - Una garantía de préstamo de hasta \$584.5 millones a Convergent Energy and Power, Inc. para el desarrollo de una finca solar en Coamo, Puerto Rico, es uno de los proyectos más



## AES MARAHU

The project will generate power directly to Puerto Rico's grid and provide energy storage benefits necessary for Puerto Rico's goal of achieving 100% clean energy resources by 2050. ECONOMIC IMPACT. This project will support approximately 750 construction jobs and more than 50 full-time jobs once fully operational.



## With a Crippled Energy Grid, Puerto Rico Turned to Solar Power ...

Javier Rúa-Jovet is chief policy officer for the Solar and Energy Storage Association of Puerto Rico, a regional trade association. After Maria, his home in a middle-class part of San Juan was

50KW modular power converter



## Velázquez and Schumer secure \$365 million in funding for ...

4 ???· Velázquez and Schumer issued a joint statement Friday, Dec. 12, announcing that they had secured \$365 million in funding for the DOE's new program for renewable energy in Puerto Rico, investing up to \$190 million in solar panels and battery systems in common areas of public housing and privately owned, federally subsidized multi-family housing.

## US says \$365 million is available to install solar and battery ...

SAN JUAN, Puerto Rico -- The U.S. Department of Energy said Thursday that \$365 million is available to install solar and battery storage systems in homes and healthcare centers across

Puerto Rico

### GRADE A BATTERY

LiFePO4 battery will not burn when overcharged/over discharged, overcurrent or short circuit and can withstand high temperatures without decomposition.



## U.S. Department of Energy and FEMA Study Finds ...

As part of its commitment to support Puerto Rico's energy resilience and renewable energy goals, DOE is launching the Programa Acceso Solar as part of the Puerto Rico Energy Resilience Fund to connect up to ...

## DOE conditional loan of \$584.5 million for solar-plus-storage in Puerto ...

The U.S. Department of Energy (DOE) Loan Programs Office announced a conditional commitment for a loan guarantee of up to \$584.5 million to subsidiaries of Convergent Energy and Power Inc., an energy storage provider. The loan guarantee is intended to finance a solar system with an integrated battery energy storage system (BESS) and three stand-alone BESS ...



## Solar at a Crossroads in Puerto Rico

Amended Title III Plan of Adjustment for the Puerto Rico Electric Power Authority. February 26, 2024, pp. 7-9. 4 FOMB. FY 2023 Certified



Fiscal Plan for the Puerto Rico Electric Power Authority. June 23, 2023. 5 Puerto Rico Act 82-2010 (Public Policy on Energy Diversification by Means of Sustainable and Alternative Renewable Energy in Puerto

## Project Marahu: Puerto Rico secures \$860M+ loan for ...

Puerto Rico will add up to 200 megawatts (MW) of solar generation and another 285 MW/1,140 MWh of battery energy storage, thanks to an \$861.3 million loan guarantee from the U.S. Department of Energy's ...



## Puerto Rico Territory Energy Profile

Solar energy is Puerto Rico's fastest growing source of renewable generation, increasing from 0.5% of total generation in 2015 to 1.7% in 2021. 103 The largest solar farm, the 45-megawatt Oriana facility, came online in late 2016 and accounts for about three-tenths of the Commonwealth's solar generating capacity. 104,105 About 183 megawatts in

## U.S. Department of Energy and FEMA Study Finds Puerto Rico

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As part of its commitment to support Puerto Rico's energy resilience and renewable energy goals, DOE is launching the Programa Acceso Solar as part of the Puerto Rico Energy Resilience

Fund to connect up to 30,000 low-income households across Puerto Rico with subsidized residential solar panels and battery storage systems.

To Strive forward No Energy Waste



- ✓ All in one
- ✓ 100-215kWh High-capacity
- ✓ Intelligent Integration



## U.S. Department of Energy and FEMA Study Finds ...

To further assist Puerto Rico's energy resilience and clean energy goals, DOE today announced that on February 22, 2024, residents can apply for DOE's Programa Acceso Solar (Solar Access Program) -- a ...

## Puerto Rico could soon build its biggest solar and

Utility-scale solar in Puerto Rico has just received an \$ 861 million boost from the federal government. On Thursday, the Department of Energy's Loan Programs Office announced a conditional commitment to finance new solar and battery storage facilities on the southern coast of the island.



## Puerto Rico Energy Recovery and Resilience Newsletter - ...

On August 28, 2024, DOE's Grid Deployment Office (GDO) released a Funding Opportunity Announcement (FOA) of up to \$325 million for the Programa de Comunidades Resilientes, an initiative to improve community-level energy resilience for vulnerable and disadvantaged

populations across Puerto Rico. This program, funded through the Puerto Rico Energy ...



## U.S. Department of Energy Announces up to \$365 Million to Equip

WASHINGTON D.C. - The U.S. Department of Energy (DOE) today announced four Puerto-Rico-based teams selected to install solar and battery storage systems under its new Programa de Comunidades Resilientes, funded by DOE's Puerto Rico Energy Resilience Fund (PR-ERF). This investment of up to \$365 million aims to improve community ...



## DOE Announces Up to \$440 Million to Install Rooftop Solar and ...

DOE selected three qualified solar companies with an existing workforce in Puerto Rico as well as five qualified nonprofits and cooperatives across the region to begin award negotiations for a total of \$440 million to deploy residential solar systems to vulnerable Puerto Rican households.



## DOE conditional loan of \$584.5 million for solar-plus-storage in ...

1 ??· The U.S. Department of Energy (DOE) Loan

Programs Office announced a conditional commitment for a loan guarantee of up to \$584.5 million to subsidiaries of Convergent Energy ...



## **Puerto Rico could soon build its biggest solar and**

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