

How will Puerto Rico benefit from a solar PV project?

Annually, the solar PV installations will produce approximately 460,000 MWh of energy, enough to power approximately 43,000 homes, and enhance Puerto Rico's grid reliability and energy security. The co-location of the new solar and battery resources will help maximize the project's energy production and improve grid stability.

Who is developing Puerto Rico's energy grid?

Development is led by Clean Flexible Energy, an indirect subsidiary of AES Corp. and TotalEnergies Holdings USA. A conditional loan guarantee was announced for the project in July. Puerto Rico is aiming to eliminate coal-fired energy generation by 2028 and develop a 100% renewable energy grid by 2050.

How much solar power will Puerto Rico get?

On Monday, U.S. Energy Secretary Jennifer M. Granholm said this new U.S. investment will add up to 200 megawatts of solar generation, and a further 285 megawatts of reliable storage capacity for Puerto Rico's electric grid to improve its resilience.

What happened to Puerto Rico's electricity grid?

A worker installs rooftop solar panels on a home in Puerto Rico. The island's electric grid was destroyed by Hurricane Maria in 2017, resulting in a plan to modernize and decarbonize. Courtesy of Sunrun This audio is auto-generated. Please let us know if you have feedback

Does Puerto Rico have a high energy cost?

Puerto Rican residents pay energy costs significantly higher than the U.S. average. According to the Climate and Economic Justice Screening Tool, the Commonwealth of Puerto Rico, including the communities surrounding the Salinas and Jobos projects, faces some of the greatest energy burdens in the United States.

Why is Puerto Rico investing in energy infrastructure?

Investments by the federal government into Puerto Rico's energy infrastructure have been an ongoing process on the commonwealth island with an eye toward improving its energy resilience during extreme weather events which have seen an uptick over recent months and years.

NETL officials joined U.S. Secretary of Energy Jennifer M. Granholm and other Department of Energy (DOE) personnel to commemorate the installation of the first of thousands of solar and battery systems on low-income homes across Puerto Rico. DOE anticipates installing up to 3,000 systems by the end of 2024.

The U.S. Department of Energy on Tuesday announced it has finalized an \$861.3 million loan guarantee for the development of two solar+battery facilities and two standalone battery facilities in...

2 ???· A team led by Puerto Rico Public Housing Administration is negotiating for an award of up to \$83.2 million from the Energy Dept., and a team led by Dynamic Solar Solutions is negotiating for up to ...

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 ...

3 ???· In recent years, the U.S. government has announced millions of dollars for other projects including solar farms and the installation of solar panels on low-income homes in Puerto Rico. The announcement comes as the U.S. territory continues to struggle with chronic power outages that have worsened since Hurricane Maria pummeled the island as a ...

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4 ???· 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-level energy ...

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Thousands of low-income households across Puerto Rico are eligible for solar and battery storage systems through the Programa Acceso Solar. This includes households in areas most affected by frequent and prolonged power outages, as well as those with residents dependent on electricity-powered medical equipment.

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