



How can Puerto Rico support end-use electrification?

To meet these goals and support widespread end-use electrification, Puerto Rico is exploring renewable energy and innovative technologies for energy storage, distributed generation, distribution control, electric vehicles, and energy efficient and responsive loads that can be deployed in each of Puerto Rico's cities and communities.

Does Puerto Rico need a grid modernization?

In September 2022, Hurricane Fiona again knocked out 100% of the grid for as long as four weeks in parts of Puerto Rico, highlighting the continuing need for grid modernization on the island.

What does the Puerto Rico energy team do?

The team also works closely with government leadership and energy stakeholders in Puerto Rico to speed up the deployment of critical infrastructure and provide the island with clean, reliable, and affordable power.

How can Puerto Rico improve energy resilience?

DOE's Puerto Rico Grid Recovery and Modernization Team is making remarkable progress in improving local energy resilience. Natural disasters in recent memory have posed significant challenges to Puerto Rico's electrical grid and the more than three million residents it serves.

Will Puerto Rico receive a grid resilience grant?

Grid Resilience Formula Grant: On July 31, 2023, DOE announced that Puerto Rico will receive over \$7.4 million through the Grid Resilience State and Tribal Formula Grants as part of President Biden's Investing in America agenda.

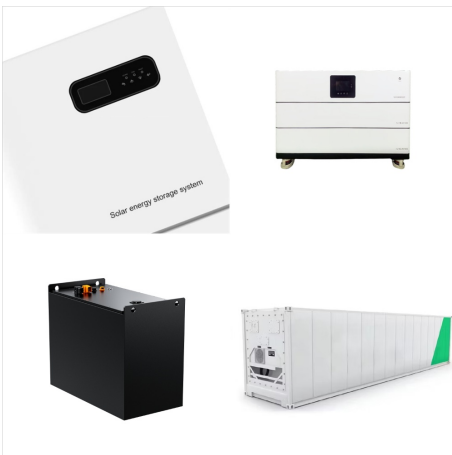
What is the Department of Energy's role in Puerto Rico's energy recovery?

The U.S. Department of Energy's (DOE) role in Puerto Rico's energy recovery is to: Leverage its network of National Laboratories to supply advanced planning and modeling capabilities to stakeholders in Puerto Rico. Serve as a trusted unbiased convener and coordinator among relevant federal and local decision makers.

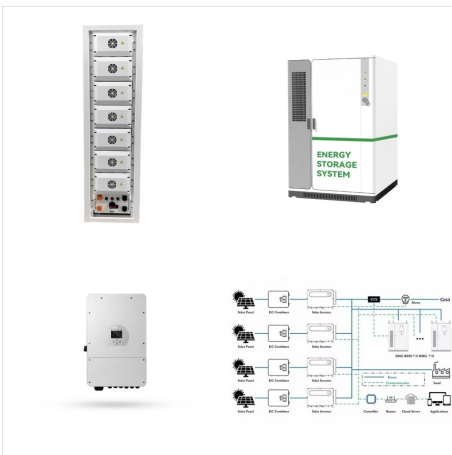
# OFF GRID ELECTRIFICATION PUERTO RICO



The slow pace of restoring electricity to residents of Puerto Rico is making off-grid solar-plus-storage an appealing alternative. A recent report posted at Greentech Media focused on the remote mountain community of ???



Puerto Rico now has more than \$14 billion in federal funds to transform its outdated grid. If that money were used toward the type of transition Queremos Sol proposed, it "would not only reduce vulnerabilities across the island and provide 100 percent resiliency to homes, but it would also stabilize our electric bills," said Ingrid Vila

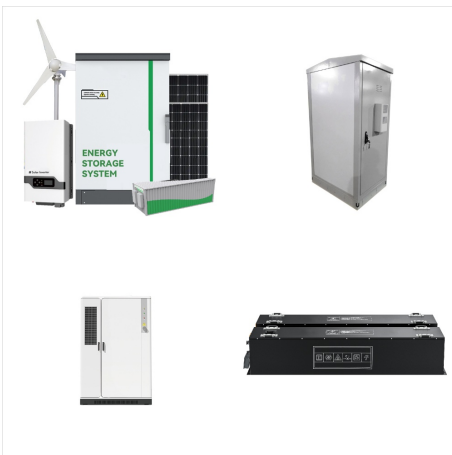


Descubre las regulaciones sobre sistemas solares "off-grid" en Puerto Rico y por qu? la ley exige estar conectado al grid, incluyendo alternativas legales y beneficios. La ???

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4 ? The Grid Deployment Office's (GDO) Puerto Rico Grid Recovery and Modernization Team works across federal government agencies coordinate billions of dollars in federal aid, provide technical assistance to local stakeholders, and support current rebuilding activities. This team, in coordination with the Department's national labs, led the Puerto Rico Grid Resilience ???



The Blue Planet Energy team is thrilled to pass on the knowledge and tools for reliable, well-designed off-grid power so that Puerto Ricans can rebuild their communities."Blue Planet ???

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U.S. Energy Secretary Jennifer Granholm announces a slate of solar companies and nonprofits selected to install rooftop solar and battery storage systems for vulnerable households in Puerto Rico through the Puerto Rico Energy ???

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Rural communities in Puerto Rico are banding together to host solar-powered microgrid systems for emergencies like Hurricane Fiona and for day-to-day use. Electricity prices have increased to 33 cents per kWh in 2022???almost double the 2020 rate???due to global increases in the cost of natural gas, which needs to be imported to the island.



Puerto Rico has committed to meeting its electricity needs with 100% renewable energy by 2050, along with realizing interim goals of 40% by 2025, 60% by 2040, the phaseout of coal-fired generation by 2028, and a 30% improvement in energy efficiency by 2040 as established in Puerto Rico Energy Public Policy Act (Act 17).



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Supported by the Bipartisan Infrastructure Law and administered by the Grid Deployment Office, this grant will help modernize Puerto Rico's electric grid to reduce impacts of climate-driven extreme weather and natural disasters, improve power sector reliability, and enhance Puerto Rican communities' access to affordable, reliable, clean

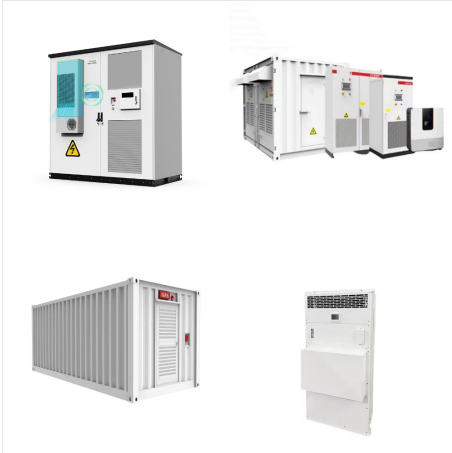


The microgrid project is the latest effort in a two decades-long grassroots movement to build energy security in Puerto Rico in the form of solar power. Nestled in the central mountains of Puerto Rico, Adjuntas is becoming a global model for ???



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The Blue Planet Energy team is thrilled to pass on the knowledge and tools for reliable, well-designed off-grid power so that Puerto Ricans can rebuild their communities."Blue Planet Energy's project partners selected the Blue Ion ferrous phosphate battery system for its superior off-grid performance and exceptional safety.