



Puerto Rico Grid Recovery and Modernization



Puerto Rico Energy Week 2023:

PUERTO RICO STAKEHOLDER CHALLENGE

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Introduction

- ▶ DOE has had a long-standing role in Puerto Rico, limited to **interagency coordination** and **technical assistance**.
- ▶ In December 2022, President Biden signed the FY 2023 Consolidated Appropriations Act into law, which provides **\$1,000,000,000** to DOE's Grid Deployment Office to carry out **activities to improve the resilience** of the Puerto Rican electric grid.
- ▶ Activities must include grants for **low- and moderate-income households** and **households that include individuals with disabilities** for the purchase and **installation of renewable energy, energy storage, and other grid technologies**.



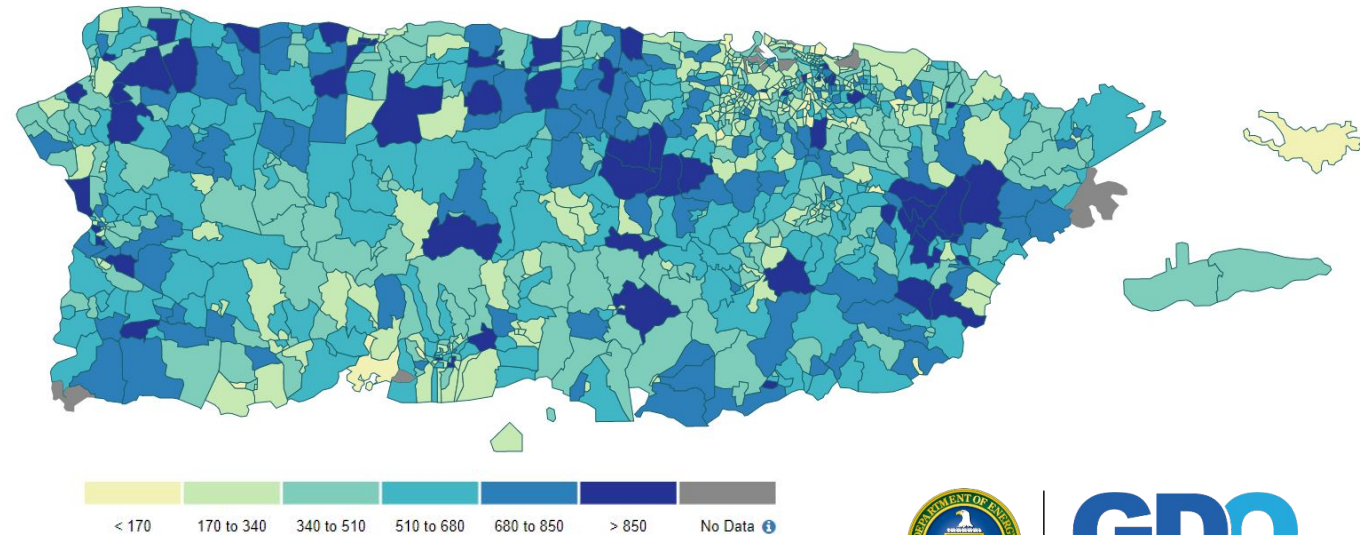
Key Issue

- ▶ \$1 billion can make a significant impact, but it is not enough to provide resilience benefits to all disadvantaged and vulnerable residents of Puerto Rico.
- ▶ DOE needs to make hard decisions considering the following key tradeoffs:
 - System sizing
 - Subsidy level
 - Financing mechanisms
 - Number of beneficiaries

Household Classification	% of Area Median Income	Median Income (All of PR = \$21,900)	Housing Counts
Very low income	0-30%	0-6,500	236,000
Low Income	30-50%	6,500-11,000	198,000
Moderate Income	50-80%	11,000-17,500	126,000
Middle Income	80-120%	17,500-26,200	645,000
High Income	>120%	>26,200	

560k

Housing Counts for Census Tracts in Puerto Rico (0-30% Area Median Income)



Obstacles and Impacts

Outreach

Education

Ownership

Structural
Integrity

Grid Impacts

Interagency
Coordination

Workforce

Urgency



Request for Information (RFI)

- ▶ On February 21, DOE published a Request for Information to inform the implementation strategy for the Puerto Rico Energy Resilience Fund (PR-ERF) totaling \$1 billion, including feedback across following areas:
 - Technology & Engineering
 - Beneficiary & Community Considerations
 - Financial Assistance
 - Technical Assistance, Capacity Building, and Workforce Development
 - Monitoring, Evaluation, and Auditing

Request for Information comments and input must be received by 5:00 p.m. ET on April 21, 2023 and can be submitted by emailing PuertoRicoGDO@hq.doe.gov



Final Statement

To achieve Puerto Rico's energy, resilience and equity goals, a critical obstacle to collectively overcome in 12 months is ...

...the design of a \$1B federal program that can be quickly implemented, stakeholder informed, and utilizes innovative financing mechanisms to maximize available funding.

▶ ¡Gracias!

