

Grantee: Puerto Rico

Grant: B-18-DE-72-0001

October 1, 2024 thru December 31, 2024

Grant Number:

B-18-DE-72-0001

Obligation Date:**Contract End Date:**

08/05/2028

Award Date:**Review by HUD:**

Submitted - Await for Review

Grantee Name:

Puerto Rico

Grant Award Amount:

\$1,932,347,000.00

Grant Status:

Active

QPR Contact:

No QPR Contact Found

LOCCS Authorized Amount:

\$1,932,347,000.00

Estimated PI/RL Funds:

\$0.00

Total Budget:

\$1,932,347,000.00

Disasters:

Declaration Number

FEMA-4339-PR

Narratives

Disaster Damage:

More than four (4) years have passed since Hurricanes Irma and María struck Puerto Rico in September of 2017. However, the impact on the power grid remains ever present in the daily lives of Island residents. Power outages are common and unpredictable, electricity prices continue to rise, and rolling blackouts due to insufficient generation have been common. The impact of the hurricanes on the power system was devastating and led to the longest sustained blackout in modern United States (U.S.) history. Without power, residents were unable to gain access to healthcare, communication, refrigeration, water, cooling, and security. With sustained systemic insecurity, residents continue to feel many of the same impacts, economic recovery is hampered, and the cycle of recovery cannot be completed. Energy remains the single most comprehensive and critical factor to the future of the Island.

The Electrical Power System Enhancements and Improvements Action Plan is not a specialized blueprint on the components of the electrical power system in need of repairs. Several extensive studies have already been conducted by Puerto Rico and U.S. governmental agencies, including the Puerto Rico Electric Power Authority (PREPA) 10-Year Infrastructure Plan, the Grid Modernization Plan for Puerto Rico conducted by the Central Office for Recovery, Reconstruction and Resiliency (COR3), the 2021 Fiscal Plan for PREPA as Certified by the Financial Oversight and Management Board for Puerto Rico, and key studies by the U.S. Department of Energy (DOE). This Action Plan seeks to adjust critical findings from these reports and identify the remaining unmet need for communities that stand vulnerable to the impacts of power insecurity. It aims to discern resilience opportunities for long-term system enhancement for the benefit of all residents.

Electrical Power System Recovery Needs:

Hurricanes Irma and María devastated 80% of the Islands' electric power system. Therefore, the initial immediate recovery process was implemented in such a way as to provide electric service to the people of the Islands in the fastest possible way. This meant that expediency reigned instead of the deep reconstructive approach that would have taken much longer and for which funding and resources were not immediately available. Because of this, the people of Puerto Rico face a lack of continuity of electric power service in great part due to the system's weakness. The need for permanent solutions to ensure system resiliency and sustainability must be a priority moving forward.

The U.S. Department of Energy aptly points out, "[m]aintaining and enhancing the resilience of the electric grid at fair and reasonable costs can provide service and value to Puerto Rican communities. Yet, no single investment in energy infrastructure at one point in time will achieve resilience." (Emphasis added) One of the goals set by PRDOH is to maximize the appropriated use of CDBG-DR Program funds, which will result in the coordination and engagement of governmental and non-governmental stakeholders to successfully detail and identify unmet needs.

PRDOH has developed the Electrical System Enhancements and Improvement Programs founded on the allocation requirements as well as identified unmet needs. Along with incorporating input from disaster-impacted municipalities, utilities, and other stakeholders.

HUD defines an electrical power system in a broad way. Bringing together the many components that contribute to the proper operation of the grid, including physical assets for generation, transmission, and distribution, as well as technological and administrative components. Specifically, the definition is stated in 86 FR 32681, 32692:

"An electrical power system shall be defined as an interconnected or autonomous set of transmission lines, distribution lines, substations, central power generation stations, other sources of power, distributed energy resources, or enabling technologies and services, such as industry standard billing, accounting information technology, cybersecurity enhancements, microgrids and fuel transfer delivery systems, that are necessary for the provision of reliable, resilient, stable, and cost effective electrical service."

The main objective of the CDBG-DR Program is to support the economic and social development of Puerto Rico's communities, providing quality of life, safety, security, and growth opportunities for the future of all residents. The availability of CDBG-DR funds provides a unique opportunity to improve quality of life on the Island and strengthen the economy through electric power system enhancements. Lessons learned from the catastrophic events of Irma and María will



give Puerto Rico the choice to be more resilient, more robust, wiser, and to rise in a sustainable manner. The state of emergency caused by Hurricanes Irma and María is felt every day and still very present in Puerto Rico. The current condition of the electrical power system is critical. Without the implementation of transformative mitigation and resilience phases, the system will remain extremely weak and susceptible to collapse from any future major event, in which vulnerable communities will suffer the most, once again. Every community in Puerto Rico deserves to enjoy a strong, reliable, and resilient electrical power system that ensures the tranquility of the people and a better quality of life for its residents.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	\$0.00	\$1,932,347,000.00
Total Budget	\$0.00	\$1,932,347,000.00
Total Obligated	\$250,237,873.72	\$798,262,939.66
Total Funds Drawdown	\$1,279,418.89	\$4,871,947.12
Program Funds Drawdown	\$1,279,418.89	\$4,871,947.12
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,279,418.89	\$4,871,947.12
HUD Identified Most Impacted and Distressed	\$1,175,138.79	\$4,602,198.04
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Funds Expended

Overall	This Period	To Date
Puerto Rico Department of Housing	\$ 1,279,418.89	\$ 4,871,947.12

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	70.00%	70.00%	.22%
Overall Benefit Amount	\$1,271,484,326.00	\$1,271,484,326.00	\$4,031,621.42
Limit on Public Services	\$289,852,050.00	\$.00	\$.00
Limit on Admin/Planning	\$386,469,400.00	\$115,940,820.00	\$269,749.08
Limit on Admin	\$96,617,350.00	\$96,617,350.00	\$255,711.06
Most Impacted and Distressed	\$1,932,347,000.00	\$1,932,347,000.00	\$4,602,198.04

Overall Progress Narrative:

During the reporting period, under ER1, the Puerto Rico Department of Housing (PRDOH) sent a Letter to COR3 on 10/25/2024 notifying PRDOH's decision to implement a revised strategy to streamline the PW selection process. PRDOH is currently working on the Action Plan Amendment request and the revisions to the Program Guidelines that document the revised strategy and the National Objective compliance requirements.

In addition, the Program continued with the evaluation of the projects submitted by PREPA and LUMA. As part of the PWs review process, on 11/01/2024 and 11/08/2024, PRDOH issued multiple Requests for Information (RFI) to COR3. PREPA, and LUMA.

The Program received the requested information from COR3, PREPA, and LUMA on 12/13/2024, 12/12/2024, and 11/22/2024, respectively. Based on the information and documentation received, the Program is finalizing the review and recommendation for match payment for the PW's eligible costs.

Under ER2, planning and implementation continues for the strategic projects such as the Centro Medico Microgrid and the Department of Economic Development and Commerce's Energy Support Program, while ER2 Competitive Project Pre-Selection was completed and communicated to applicants. The program is currently undergoing project feasibility reviews while simultaneously addressing and consulting with LUMA regarding the interconnection of all pre-selected projects to the grid.

PRDOH's oversight plan for ER2 as well as the ER1 Program is to continue to use established oversight and monitoring tools and resources to conduct and monitor program administration activities and performance through close coordination and collaboration throughout the life of the grant and during each program's phases.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
9999, Restricted Balance	\$0.00	\$0.00	\$0.00
Administrative B-18-DE-72-0001, Energy Program	\$103,491.21	\$96,617,350.00	\$255,711.06
Infrastructure ER1 B-18-DE-72-0001, Infrastructure Energy	\$0.00	\$500,000,000.00	\$0.00
Infrastructure ER2 B-18-DE-72-0001, Infrastructure Energy	\$1,175,138.79	\$1,316,406,180.00	\$4,602,198.04
Planning B-18-DE-72-0001, Energy Program Planning	\$788.89	\$19,323,470.00	\$14,038.02

Activities

Project # / Administrative B-18-DE-72-0001 / Energy Program



Grantee Activity Number: ESP-ADMDOH-NA

Activity Title: Energy Program Administration

Activity Type:

Administration

Project Number:

Administrative B-18-DE-72-0001

Projected Start Date:

08/05/2022

Benefit Type:

N/A

National Objective:

N/A

Activity Status:

Under Way

Project Title:

Energy Program Administration

Projected End Date:

08/05/2028

Completed Activity Actual End Date:

Responsible Organization:

Puerto Rico Department of Housing

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2024 To Date

\$0.00 \$96,617,350.00

Total Budget

\$0.00 \$96,617,350.00

Total Obligated

\$196,115.76 \$1,077,288.75

Total Funds Drawdown

\$103,491.21 \$255,711.06

Program Funds Drawdown

\$103,491.21 \$255,711.06

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$103,491.21 \$255,711.06

Puerto Rico Department of Housing

\$103,491.21 \$255,711.06

Most Impacted and Distressed Expended

\$0.00 \$0.00

Activity Description:

PRDOH is the administrative entity responsible for administering CDBG-DR, CDBG-MIT, and CDBG-DR Energy funds as allocated by HUD.

Location Description:

The location of the personnel administrating this fund will be at the Puerto Rico Department of Housing located in San Juan, Puerto Rico.

Activity Progress Narrative:

During the reporting period, the ER2 Program Management services contract remained active with continued implementation. The Program Manager's responsibilities under this contract included comprehensive program management and administration, covering operational support, program and project management, document control, and financial reporting. The scope also involved project selection, which required the development and refinement of criteria and methodology, application review, capacity assessment, financial evaluation, environmental review, and agreement execution. In terms of project execution, tasks included managing awards and schedules, overseeing property acquisition and procurement, monitoring design development, ensuring permitting and environmental compliance, tracking construction progress, reviewing commissioning and operations and maintenance (O&M) plans, maintaining regulatory compliance, and evaluating payment requests. Finally, the contract encompassed administrative closeout, involving both project-specific and overall program closure activities.

The primary activities conducted during this reporting period included the selection of twenty (20) pre-eligible applications, with notifications sent on 8/2/2024. An in-person Introductory Session was held by PRDOH on

8/20/2024, during which commitment letters were given to applicants. On 9/2/2024, PRDOH received a voluntary withdrawal from one of the pre-eligible applicants. As a result, on 9/5/2024, the program allowed the inclusion of three (3) additional pre-eligible applications, which were qualified and next in line, but had previously been notified of funds being depleted. A meeting with LUMA took place on 10/23/2024, during which it was agreed that they would coordinate pre-consultations and complete the evaluations of the interconnection to the grid for the selected pre-eligible applications by December 2024. As a result, the awards are now anticipated for Q1 2025.

As of 10/28/2024, feasibility plans for twenty (20) out of the original twenty-two (22) applications were received, with two applicants requesting time extensions, which were submitted in November. The Program Management team is currently progressing through the Feasibility Review phase.

A meeting with PREPA was held on 11/7/2024, to discuss the selected pre-eligible applications with existing PPOAs and those requiring a PPOA. Another meeting with LUMA on 11/18/2024, focused on the progress of pre-consultations and the additional information required.

Following revisions to the allocated budget of the ER2 Program, three additional qualified next in line, but previously funds-depleted applications were notified on 11/18/2024 of their pre-eligibility. This brings the total number of pre-eligible applications to twenty-five (25). The team is actively working to align these newly included applications with the ongoing process. Two (2) of the latest additional applicants are in the process of submitting their feasibility plans, while one (1) is currently under review alongside the original selected pre-eligible applications.

Meanwhile, PRDOH, in collaboration with ER2 Program Management services, continues to progress through the implementation phase, overseeing the Feasibility Review of the twenty-five (25) selected pre-eligible applications, initiating the Environmental Review process, and providing technical assistance.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / Infrastructure ER1 B-18-DE-72-0001 / Infrastructure Energy

Grantee Activity Number: ESP-IER1DOH-LMI
Activity Title: Energy Grid Rehab and Recon ER1 LM

Activity Type:

Electrical power system improvements

Project Number:

Infrastructure ER1 B-18-DE-72-0001

Projected Start Date:

08/05/2022

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Planned

Project Title:

Infrastructure Energy Program ER1

Projected End Date:

08/05/2028

Completed Activity Actual End Date:

Responsible Organization:

Puerto Rico Department of Housing

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2024 To Date

\$0.00 \$350,000,000.00

Total Budget

\$0.00 \$350,000,000.00

Total Obligated

\$0.00 \$350,000,000.00

Total Funds Drawdown

\$0.00 \$0.00

Program Funds Drawdown

\$0.00 \$0.00

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$0.00 \$0.00

Puerto Rico Department of Housing

\$0.00 \$0.00

Most Impacted and Distressed Expended

\$0.00 \$0.00

Activity Description:

The purpose of this program is to maximize the benefit of federal grant programs by positioning CDBG-DR as the ideal local match program to other federal funding streams. This approach will relieve the financial burden related to the recovery efforts of Puerto Rico's Electrical Grid and Puerto Rico's long-term infrastructure resilience needs. Through the matching of funding provided by other federal agencies, critical infrastructure needs will be addressed making the Island more adaptable to changing conditions and able to withstand and recover rapidly from disruptions caused by future disasters. At this time, most long-term reconstruction projects are still in preparation. As a result, the exact amount of CDBG-DR funds necessary to meet the entire universe of non-federal match requirements is still being assessed. PRDOH will collaborate with COR3 on long-term natural hazards resilience strategies and how infrastructure investments align with other planned Puerto Rican or local capital improvements.

Location Description:

Improvement of electrical power system throughout the island.

Activity Progress Narrative:

During the reporting period, the Puerto Rico Department of Housing (PRDOH) sent a Letter to COR3 on 10/25/2024 notifying PRDOH's decision to implement a revised strategy to streamline the PW selection process. PRDOH is currently working on the Action Plan Amendment request and the revisions to the Program Guidelines that document the revised strategy and the National Objective compliance requirements. In addition, the Program continued with the evaluation of the projects submitted by PREPA and LUMA. As part of

the PWs review process, on 11/01/2024 and 11/08/2024, PRDOH issued multiple Requests for Information (RFI) to COR3, PREPA, and LUMA.
The Program received the requested information from COR3, PREPA, and LUMA on 12/13/2024, 12/12/2024, and 11/22/2024, respectively. Based on the information and documentation received, the Program is finalizing the review and recommendation for match payment for the PW's eligible costs.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:	None
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Grantee Activity Number: ESP-IER1DOH-UN
Activity Title: Energy Grid Rehab and Recon ER1 UN

Activity Type:

Electrical power system improvements

Project Number:

Infrastructure ER1 B-18-DE-72-0001

Projected Start Date:

08/05/2022

Benefit Type:

Area (Census)

National Objective:

Urgent Need

Activity Status:

Planned

Project Title:

Infrastructure Energy Program ER1

Projected End Date:

08/05/2028

Completed Activity Actual End Date:

Responsible Organization:

Puerto Rico Department of Housing

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2024 To Date

\$0.00 \$150,000,000.00

Total Budget

\$0.00 \$150,000,000.00

Total Obligated

\$0.00 \$150,000,000.00

Total Funds Drawdown

\$0.00 \$0.00

Program Funds Drawdown

\$0.00 \$0.00

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$0.00 \$0.00

Puerto Rico Department of Housing

\$0.00 \$0.00

Most Impacted and Distressed Expended

\$0.00 \$0.00

Activity Description:

The purpose of this program is to maximize the benefit of federal grant programs by positioning CDBG-DR as the ideal local match program to other federal funding streams. This approach will relieve the financial burden related to the recovery efforts of Puerto Rico's Electrical Grid and Puerto Rico's long-term infrastructure resilience needs. Through the matching of funding provided by other federal agencies, critical infrastructure needs will be addressed making the Island more adaptable to changing conditions and able to withstand and recover rapidly from disruptions caused by future disasters. At this time, most long-term reconstruction projects are still in preparation. As a result, the exact amount of CDBG-DR funds necessary to meet the entire universe of non-federal match requirements is still being assessed. PRDOH will collaborate with COR3 on long-term natural hazards resilience strategies and how infrastructure investments align with other planned Puerto Rican or local capital improvements.

Location Description:

Improvement of electrical power system throughout the island.

Activity Progress Narrative:

During the reporting period, the Puerto Rico Department of Housing (PRDOH) sent a Letter to COR3 on 10/25/2024 notifying PRDOH's decision to implement a revised strategy to streamline the PW selection process. PRDOH is currently working on the Action Plan Amendment request and the revisions to the Program Guidelines that document the revised strategy and the National Objective compliance requirements. In addition, the Program continued with the evaluation of the projects submitted by PREPA and LUMA. As part of

the PWs review process, on 11/01/2024 and 11/08/2024, PRDOH issued multiple Requests for Information (RFI) to COR3, PREPA, and LUMA.
The Program received the requested information from COR3, PREPA, and LUMA on 12/13/2024, 12/12/2024, and 11/22/2024, respectively. Based on the information and documentation received, the Program is finalizing the review and recommendation for match payment for the PW's eligible costs.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / Infrastructure ER2 B-18-DE-72-0001 / Infrastructure Energy

Grantee Activity Number: ESP-IER2DOH-LMI

Activity Title: Electric Power Resilience ER2 LM

Activity Type:

Electrical power system improvements

Project Number:

Infrastructure ER2 B-18-DE-72-0001

Projected Start Date:

08/05/2022

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

Infrastructure Energy Program ER2

Projected End Date:

08/05/2028

Completed Activity Actual End Date:

Responsible Organization:

Puerto Rico Department of Housing

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2024 To Date

\$0.00 \$921,484,326.00

Total Budget

\$0.00 \$921,484,326.00

Total Obligated

\$175,028,678.43 \$206,223,208.10

Total Funds Drawdown

\$992,926.63 \$4,031,621.42

Program Funds Drawdown

\$992,926.63 \$4,031,621.42

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$992,926.63 \$4,031,621.42

Puerto Rico Department of Housing

\$992,926.63 \$4,031,621.42

Most Impacted and Distressed Expended

\$992,926.63 \$4,031,621.42

Activity Description:

The Electrical Power Reliability and Resilience Program (ER2) provides assistance to applicants and subrecipients to create electrical system reliability and resilience. The program will serve the needs of communities by funding projects that are not currently anticipated to be funded from other federal or local sources. For construction activities, the awardee or subrecipient must agree to budget the operations and maintenance activities for the long-term sustainability of the electrical power system improvements. These multi-year budgets for operations and maintenance will apply for the useful life of the improvement or enhancement. Projects must demonstrate leverage, with the ER2 award consisting of not more than 60% of the proposed project cost, depending on the size and scale, and other factors of the project, as it will be outlined in the Program Guidelines. Publicly owned projects may receive an award up to 100% of the proposed project cost. Program funds will be provided for infrastructure and physical assets that qualify as Electrical Power System Improvements. Projects are encouraged to integrate energy assets and contribute to the diversification of energy resources. Projects pursued as Microgrids shall conform to the Microgrid Regulations, as approved by the Puerto Rico Energy Bureau (PREB).198 Projects will be evaluated to identify opportunities for alignment with efforts to increase energy efficiency. PRDOH anticipates that approximately 80% of projects funded under ER2 will qualify as Other sources of power, distributed energy, microgrids components. PRDOH understands the importance of proper land-use, so projects proposed as solar farms may only be allowed in accordance with permissible land-use, permits and applicable zoning regulations. PRDOH will seek opportunities to utilize brownfields and the built environment as per EPA guidance and recommendations. PRDOH may use procurement methods in accordance with PRDOH policies and procedures. Additionally, PRDOH may utilize direct and subrecipient selection methods in accordance with its policies and procedures and Program Guidelines. Eligible activities to be outlined in the Program Guidelines may include, but are not limited to, the range of eligible activities allowable under PREB microgrid and renewable energy regulations such as

renewable, hybrid, and combined heat and power (CHP) microgrids or mini-grids, and electric power based on solar energy to foster distributed power generation (DGs). Potential models may include business structures such as Community Solar, Energy Wheeling, Power Purchase and Operating Agreements (PPOA), Private Utility, or other business models approved by PREB. To strengthen coordination with other relevant governmental agencies of Puerto Rico, PRDOH may work closely with those relevant governmental agencies in the review of potential activities.

The ER2 Program allocation will be used for the following:

- *The strategic selection of eligible projects of public benefit selected by PRDOH and other critical stakeholders; and/or
- *The competitive selection of eligible projects proposed by eligible entities through an application process.

Location Description:

Improvement of electrical power system throughout the island.

Activity Progress Narrative:

During the reporting period, the Puerto Rico Department of Housing (PRDOH) received the submission of feasibility plans for the pre-selected projects. The Program Management team is currently advancing through the Feasibility Review phase. Both strategic and competitive projects under ER2 are designed to achieve various measurable outcomes, such as reducing the frequency and duration of electric service disruptions for LMI residents and critical facilities/services, lowering the utility's costs associated with generation, transmission, distribution, operations, maintenance, and administration, decreasing electricity consumption from fossil fuel sources while increasing renewable energy generation, and ultimately reducing energy costs and usage by enhancing electric service reliability and resilience.

A challenge identified in developing these performance measures is the difficulty in obtaining critical data. However, LUMA's ongoing review efforts are focused on projects related to their interconnection with the grid, which is crucial for establishing baselines and reporting outcomes. Another challenge is accurately measuring the impact of specific projects funded by the grant, given the concurrent implementation of other non-CDBG-funded energy-sector improvement projects that also influence the performance of the electrical grid.

In response, PRDOH has defined additional accomplishments, performance measures, and measurement tools that better align with available resources for both measurement and reporting. PRDOH has categorized projects into the following categories: LMA (Island-wide AOB for utility-scale projects benefiting the grid), LMA (microgrids AOB for projects with defined boundaries serving LMI populations), and UN (critical service facilities not directly serving LMI populations).

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:

None

Grantee Activity Number: ESP-IER2DOH-UN
Activity Title: Electric Power Resilience ER2 UN

Activity Type:

Electrical power system improvements

Project Number:

Infrastructure ER2 B-18-DE-72-0001

Projected Start Date:

08/05/2022

Benefit Type:

Area (Census)

National Objective:

Urgent Need

Activity Status:

Under Way

Project Title:

Infrastructure Energy Program ER2

Projected End Date:

08/05/2028

Completed Activity Actual End Date:

Responsible Organization:

Puerto Rico Department of Housing

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2024 To Date

\$0.00 \$394,921,854.00

Total Budget

\$0.00 \$394,921,854.00

Total Obligated

\$75,012,290.64 \$90,912,404.79

Total Funds Drawdown

\$182,212.16 \$570,576.62

Program Funds Drawdown

\$182,212.16 \$570,576.62

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$182,212.16 \$570,576.62

Puerto Rico Department of Housing

\$182,212.16 \$570,576.62

Most Impacted and Distressed Expended

\$182,212.16 \$570,576.62

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A challenge identified in developing these performance measures is the difficulty in obtaining critical data. However, LUMA's ongoing review efforts are focused on projects related to their interconnection with the grid, which is crucial for establishing baselines and reporting outcomes. Another challenge is accurately measuring the impact of specific projects funded by the grant, given the concurrent implementation of other non-CDBG-funded energy-sector improvement projects that also influence the performance of the electrical grid.

In response, PRDOH has defined additional accomplishments, performance measures, and measurement tools that better align with available resources for both measurement and reporting. PRDOH has categorized projects into the following categories: LMA (Island-wide AOB for utility-scale projects benefiting the grid), LMA (microgrids AOB for projects with defined boundaries serving LMI populations), and UN (critical service facilities not directly serving LMI populations).

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:

None

Project # / Planning B-18-DE-72-0001 / Energy Program Planning

Grantee Activity Number: ESP-PLNDOH-NA

Activity Title: Energy Program Planning

Activity Type:

Planning

Project Number:

Planning B-18-DE-72-0001

Projected Start Date:

08/05/2022

Benefit Type:

N/A

National Objective:

N/A

Activity Status:

Under Way

Project Title:

Energy Program Planning

Projected End Date:

08/05/2028

Completed Activity Actual End Date:

Responsible Organization:

Puerto Rico Department of Housing

Overall

Total Projected Budget from All Sources

Oct 1 thru Dec 31, 2024 To Date

\$0.00 \$19,323,470.00

Total Budget

\$0.00 \$19,323,470.00

Total Obligated

\$788.89 \$50,038.02

Total Funds Drawdown

\$788.89 \$14,038.02

Program Funds Drawdown

\$788.89 \$14,038.02

Program Income Drawdown

\$0.00 \$0.00

Program Income Received

\$0.00 \$0.00

Total Funds Expended

\$788.89 \$14,038.02

Puerto Rico Department of Housing

\$788.89 \$14,038.02

Most Impacted and Distressed Expended

\$0.00 \$0.00

Activity Description:

On the Planning side, electric vehicles will quickly become an important consideration for the Island energy improvements. DDEC outlined an initiative for a three-phase approach to planning for EV integration, including research and planning, an infrastructure deployment program, and community engagement and education. PRDOH will fund these activities under the planning funds, starting with Phase one (1) for Research and Strategic Planning, and funding Phases two (2) to three (3) upon successful completion of Phase one (1), while also allowing DDEC to explore funding options through DOE or other sources.

Location Description:

The planning activities for this fund will be carried at the Puerto Rico Department of Housing located in San Juan, Puerto Rico.

Activity Progress Narrative:

During the reporting period, PRDOH, in collaboration with its Grant Manager, has been progressing with project feasibility reviews, initiating the Environmental Review process, and simultaneously consulting with LUMA and PREPA. The team is holding weekly meetings to identify areas for process improvement and to address specific project and review related issues. Regarding the ER2 strategic projects, specifically the Centro Médico Microgrid (CMM) and the Department of Economic Development and Commerce's Energy Support Program, the following activities were conducted for the CMM: A meeting took place on 9/4/24 with the leadership of PRDOH, ASEM, and MSJ. During this meeting, it was agreed that MSJ would assume responsibility for the development and implementation of the CMM project, including procurement. For the ER2 strategic project managed by DDEC, a total of 267 applications were received. However, after

accounting for duplicates (20) and non-responsive applications (75), there are currently 120 active applications. DDEC is progressing with the eligibility evaluation process for these applications. Upon completion of the eligibility reviews, the applications will proceed to the environmental review phase. Pre-eligibility is expected to be completed by the end of Q1-2025. In the meantime, 87 cases with completed pre-eligibility have already been referred for environmental pre-screening and review.

During the reporting period, under ER1, the Puerto Rico Department of Housing (PRDOH) informed COR3 of its decision to implement a revised strategy to streamline the Public Works (PW) selection process. PRDOH is working on an Action Plan Amendment and revisions to the Program Guidelines to document the new strategy and National Objective compliance requirements. The Program also continued evaluating projects submitted by PREPA and LUMA. As part of the PW review process, PRDOH issued multiple Requests for Information (RFI) to COR3, PREPA, and LUMA. The requested information was received from COR3, PREPA, and LUMA, and based on this documentation, the Program is finalizing the review and recommendations for match payments for the eligible costs of the PWs.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Monitoring, Audit, and Technical Assistance

Event Type	This Report Period	To Date
Monitoring, Audits, and Technical Assistance	10	12
Monitoring Visits	0	2
Audit Visits	0	0
Technical Assistance Visits	10	10
Monitoring/Technical Assistance Visits	0	0
Report/Letter Issued	0	2