

**GOVERNMENT OF PUERTO RICO
PUERTO RICO PUBLIC SERVICE REGULATORY BOARD
PUERTO RICO ENERGY BUREAU**

NEPR

Received:

Nov 14, 2023

8:38 PM

IN RE:

IN RE: REVIEW OF THE PUERTO RICO
ELECTRIC POWER AUTHORITY'S 10-
YEAR INFRASTRUCTURE PLAN-
DECEMBER 2020

CASE NO. NEPR-MI-2021-0002

**SUBJECT: Submission of Quarterly Report on
Federal Funding Activities**

**MOTION SUBMITTING QUARTERLY REPORT ON
FEDERAL FUNDING ACTIVITIES FOR THE FIRST QUARTER OF FISCAL
YEAR 2024**

TO THE PUERTO RICO ENERGY BUREAU:

COME NOW LUMA Energy, LLC (“ManagementCo”)¹, and **LUMA Energy ServCo, LLC** (“ServCo”)², (jointly referred to as “LUMA”), through the undersigned legal counsel and respectfully submits the following:

1. On May 31, 2021, this honorable Puerto Rico Energy Bureau (“Energy Bureau”) issued and published a Resolution and Order approving LUMA’s Initial Budgets in the Initial Budget Case, Case No. NEPR-MI-2021-0004 (“May 31st Initial Budgets Resolution and Order”).

2. In the May 31st Initial Budgets Resolution and Order, the Energy Bureau listed certain “requirements for LUMA to fulfill during the Interim Period and going forward,” including, among others, requirements for reporting on the Initial Budgets spending amounts and reporting on federal funding activity.

¹ Register No. 439372.

² Register No. 439373.

3. On July 16, 2021, this Energy Bureau issued a Resolution and Order in the Initial Budgets Case (the “July 16th Initial Budgets Resolution and Order”) in which it modified the federal funding reporting requirements under the May 31st Initial Budgets Resolution and Order to provide as follows:

LUMA shall submit to the Energy Bureau, on a quarterly basis, summary reports outlining federal funding activity. These summary reports shall include aggregated information showing the cumulative amount of federal funding applied for by LUMA and/or PREPA, broken out by the source of such funding, the incremental amount of federal funding applied for in the reporting quarter, and both the cumulative and monthly amount of federal funding received.

July 16th Initial Budgets Resolution and Order at p. 6.

4. On June 25th, 2023, this Energy Bureau issued a Resolution and Order in the Initial Budgets Case, approving LUMA’s Annual Budgets for Fiscal Year 2024 (the “June 25th Order”). In what is relevant to this Motion, this Energy Bureau maintained the requirement to file quarterly reports on federal funding and directed that LUMA report quarterly, within forty five (45) days after the end of each quarter, summary reports outlining federal funding activity. *See* Attachment I of the June 25th Order.

5. In alignment with the quarterly reporting requirements adopted by this Energy Bureau in the Initial Budgets Case, LUMA hereby submits to the Energy Bureau, attached as *Exhibit 1*, its comprehensive Federal Funding Quarterly Report for Fiscal Year 2024 for the quarter ending September 30, 2023 (“FY2024 Q1 Federal Funding Report”). The FY2024 Q1 Federal Funding Report details federal funding activities, including construction progress; submissions of Initial Scopes of Work (“ISOWs”) for approval by this Energy Bureau and the Federal Emergency Management Agency (“FEMA”); and FEMA’s determination to obligate projects and costs. The

FY2024 Q1 Federal Funding Report also outlines LUMA's activities to pursue additional federal funding sources.

WHEREFORE, LUMA respectfully requests that the Energy Bureau **take notice** of the above on the filing of the FY2024 Q1 Federal Funding Report and **deem** that LUMA complied with this Energy Bureau's quarterly reporting requirements on federal funding activities set forth in the Initial Budgets Case.

RESPECTFULLY SUBMITTED.

We hereby certify that we filed this motion using the electronic filing system of this Energy Bureau. We will send an electronic copy of this motion to PREPA's General Counsel, Lionel Santa, lionel.santa@prepa.pr.gov and to Genera PR LLC, through its counsel of record Jorge Fernández-Reboredo, jfr@sbgblaw.com and Alejandro López Rodríguez, alopez@sbgblaw.com

In San Juan, Puerto Rico, this 14th day of November 2023.



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Exhibit 1
Q1 FY2024 Federal Funding Report



LUMA Quarterly Federal Funding Report

For the period ending September 30, 2023

November 14, 2023

LUMA Quarterly Federal Funding Report

Executive Summary

The more than 4,000 men and women of LUMA remain committed to building the more reliable, more resilient, more customer-focused, and cleaner energy system the people of Puerto Rico expect and deserve. All across Puerto Rico, LUMA continues to make real, significant, and lasting progress toward building a better electric system for our customers, including improvements to service reliability, grid resiliency, customer service, renewable energy, and more. Our goal — shared across our many vital partners and stakeholders — is to work together to build and deliver a brighter energy future for this generation and the next.

To achieve this, LUMA has established productive working relationships with the Central Office for Recovery, Reconstruction and Resilience (COR3) and the Federal Emergency Management Agency (FEMA). In line with its plan to continue to advance critical projects and maximize available federal funds, LUMA has engaged with our grid recovery partners on additional federal funding opportunities, including:

- The Department of Energy (DOE) electrical system improvement grants
- United States Department of Housing and Urban Development (HUD) and Puerto Rico Department of Housing (PRDOH) Community Development Block Grant Disaster Recovery (CDBG-DR) programs for hazard mitigation, grid resilience and cost share
- FEMA 406 hazard mitigation (406HM) proposals in all major asset categories and projects as well as FEMA Section 404 hazard mitigation

LUMA remains committed to pursuing federal funding from all potential sources to maximize available funds and efficiently execute proposed projects to fundamentally rebuild, transform, and modernize the energy grid. To that end, LUMA has executed the following activities since commencement, including during the first quarter of fiscal year 2024 (Q1 FY2024):

- Constructed and energized¹ six projects.
- Submitted initial scopes of work (ISOWs) to PREB for a cumulative total of 211 projects and programs² representing an estimated \$13.2 billion in reconstruction work that LUMA is advancing.
- Submitted a cumulative total of 400 ISOWs to COR3/FEMA representing an estimated \$11.1 billion in reconstruction activities, including the distribution automation and island-wide vegetation clearing ISOWs.
- Submitted a cumulative total of 248 detailed scopes of work (DSOWs) to COR3/FEMA for approval representing an estimated \$8.4 billion.

¹ The term “energized”, in this context, is to be considered as such time from which the asset is operating as part of the Transmission and Distribution System (T&D System).

² Note that the program initial SOWs presented are being divided into multiple projects. For example, the Streetlight Program initial SOWs presented to the Puerto Rico Energy Bureau (PREB) was for the entirety of Puerto Rico. However, this program will be divided into over 78 projects representing each municipality. This approach was taken to simplify the initiation of the project approval process and to expedite the approval and execution of the work with FEMA.

LUMA Quarterly Federal Funding Report

- Received FEMA obligation for 122 projects representing an estimated \$705 million³.
- Executed eight architecture and engineering (A&E) contracts, eight streetlight construction contracts, two distribution pole replacement construction contracts, and two new minor repair contracts.

We expect the FEMA-funded projects directed by LUMA to become the largest capital energy program in Puerto Rico's history, as well as the largest ever funded by the U.S. federal government to repair and rebuild an electric system across any state or territory. As a result, LUMA is pleased to communicate the significant progress made thus far and the future projects which will provide Puerto Ricans with a stronger, transformed energy grid as more federally funded projects begin construction.

³ The obligated amount includes the Architecture and Engineering portion (FAASt Project #335168 – A&E PREPA).

LUMA Quarterly Federal Funding Report

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LUMA Quarterly Federal Funding Report

1.0 Federal Funding Activities

1.1 Introduction

On June 1, 2021, LUMA assumed overall responsibility for the Puerto Rico Electric Power Authority's (PREPA) Transmission and Distribution System (T&D System) as specified in the Transmission and Distribution Operating and Maintenance Agreement (T&D OMA) between PREPA, Puerto Rico Public-Private Partnerships Authority (P3A), and LUMA. Upon commencement of operations, projects funded by the Federal Emergency Management Agency (FEMA) in the transmission, distribution, substations, IT/telecom, buildings, and environmental asset categories (T&D Projects) were transitioned to and are now the responsibility of LUMA.

In accordance with the Initial Budgets Resolution and Order dated July 16, 2021, the Puerto Rico Energy Bureau (PREB) required LUMA to provide summary reports outlining federal funding activity on a quarterly basis. This document describes key activities and progress made by LUMA on all federally funded capital investments for the Puerto Rico electrical system. Additionally, the report includes a summary of quarterly and aggregated amounts of federal funds applied for by LUMA, broken out by funding sources.

1.2 Summary of Activities

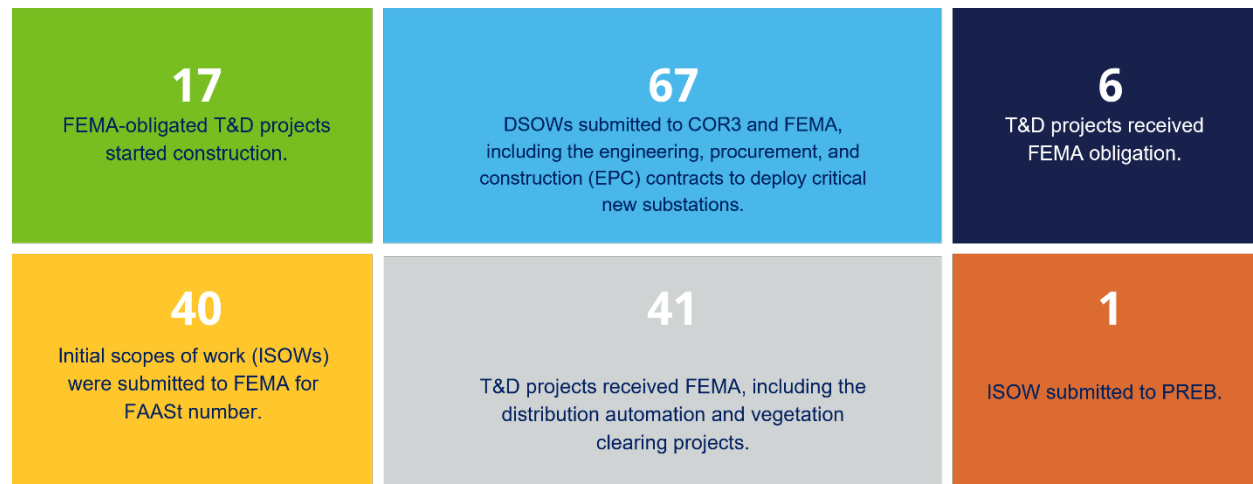
LUMA continues to collaborate with the Central Office for Recovery, Reconstruction and Resilience (COR3) and FEMA in order to advance projects. LUMA remains focused on construction activities of federally funded projects including streetlight repairs and critical distribution pole replacements, preliminary engineering activities, and submissions of detailed scopes of work (DSOWs) for FEMA review and obligation. Furthermore, progress continued with the necessary procurements of materials, engineering services, and construction services to facilitate the execution of federally funded projects.

LUMA continues to advance Hurricane Maria federally funded projects while addressing constraints resulting from the aftermath of Hurricane Fiona's emergency. This work reflects a continuation of repairs due to the severe damage to the Puerto Rico T&D System caused by Hurricane Maria and Hurricane Fiona. The latter storm made landfall in September 2022 and resulted in billions of dollars in damage and an island-wide blackout leading to approximately 1.5 million customers experiencing outages.

1.2.1 Key Activities

The following content outlines LUMA's key accomplishments and activities during Q1 FY2024 to continue moving forward with federally funded projects.

LUMA Quarterly Federal Funding Report



1.3 Construction Progress

LUMA continues to advance construction activities to support the restoration of the T&D System. As of Q1 FY2024 LUMA:

- Performed construction activities on 72 distribution pole and conductor replacement projects in Arecibo, Bayamón, Caguas, Carolina, Mayagüez, Ponce, and San Juan and four distribution pole and conductor replacement projects in closeout.
- Moved nine FEMA-obligated distribution pole and conductor replacement projects into the detailed engineering. Preparing to start construction activities.
- Started the detailed engineering phase for two FEMA-obligated transmission priority pole replacement and two transmission line rebuild projects.
- Started construction activities at Sabana Llana and Venezuela transformer replacement projects and continue high voltage breaker replacement projects in Añasco and Dagua.

The **17 T&D projects that started construction** in Q1 FY2024 can be seen in the tables below.

Distribution

Table 1-1 Distribution Pole and Conductor Repair

Started Construction During Q1 FY2024	
Project Title	FEMA FAAsT #
Distribution Pole and Conductor Repair - Mayagüez Group 5	679149
Distribution Pole and Conductor Repair - Ponce Group 4	679458
Distribution Pole and Conductor Repair - San Juan Group 8	682028
Distribution Pole and Conductor Repair - Arecibo Group 7	682178
Distribution Pole and Conductor Repair - San Juan Group 7	682865
Distribution Pole and Conductor Repair - San Juan Group 6	682870
Distribution Pole and Conductor Repair - Ponce Group 6	685263
Distribution Pole and Conductor Repair - Mayagüez Group 8	685370

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Project Title	FEMA FASt #
Distribution Pole and Conductor Repair - Ponce Group 5	685943
Distribution Pole and Conductor Repair - Caguas Group 15	688096
Distribution Pole and Conductor Repair - San Juan Group 11	688109
Distribution Pole and Conductor Repair - Arecibo Group 10	688198
Distribution Pole and Conductor Repair - Arecibo Group 11	689071
Distribution Pole and Conductor Repair - San Juan Group 10	691246
Distribution Pole and Conductor Repair - Bayamon Group 10	704750
Distribution Pole and Conductor Repair - Bayamon Group 11	704751

Telecommunications

Table 1-2 Critical Energy Management System Upgrades

Started Construction During Q1 FY2024	
Project Title	FEMA FASt #
Energy Management System (EMS)	657300

1.4 FEMA-Obligated T&D Projects

LUMA continues to receive obligations from FEMA for T&D projects submitted.

- LUMA received six project obligations from FEMA representing an estimated \$111.2 million in project costs.
- These FEMA-obligated projects include \$10.2 million of 406 Hazard Mitigation (406HMP) costs.

Key FEMA-obligated T&D project progress, made in Q1 FY2024, can be seen in the tables below.

Substations

Table 1-3 Substation Rebuilds

FEMA-Obligated T&D Project Progress for Q1 FY2024			
Project Title	428 Cost (\$ in millions)	406 HMP Cost (\$ in millions)	Global FASt A&E Cost (\$ in millions)
Substation Minor Repairs - Group B	\$2.9	\$0.4	\$0.7
Substation Minor Repairs - Group C	\$2.6	\$0.3	\$0.6
Substations Tapia GIS Rebuild Equipment Repair and Replacement	\$8.1	\$7.1	\$1.3

LUMA Quarterly Federal Funding Report

Distribution

Table 1-4 Distribution Streetlighting

FEMA-Obligated T&D Project Progress for Q1 FY2024			
Project Title	428 Cost (\$ in millions)	406 HMP Cost (\$ in millions)	Global FAAsT A&E (\$ in millions)
Distribution Streetlighting - Caguas	\$73	\$1.8	\$8.5M

Table 1-5 Distribution Pole and Conductor Repair

FEMA-Obligated T&D Project Progress for Q1 FY2024			
Project Title	428 Cost (\$ in millions)	406 HMP Cost (\$ in millions)	Global FAAsT A&E (\$ in millions)
Distribution Pole and Conductor Repair – San Juan Group 13-14-15-16	\$1.2	\$0.2	\$0.2
Distribution Pole and Conductor Repair – San Juan 17-18-19-20-21	\$0.6	\$0.1	\$0.1

1.5 Detailed Scopes of Work

LUMA continues to submit DSOWs to FEMA for T&D projects. LUMA submitted **67** DSOWs to COR3 and FEMA (including 406HMP) representing an estimated amount of \$4.6 billion. Additionally, LUMA has executed eight A&E contracts to date and is working on additional contracts to meet forecasted needs.

Key DSOW submission progress, made in Q1 FY2024 for each T&D project asset categories, can be seen in the tables below.

Distribution

Table 1-6 Distribution Line Rebuild

DSOW Progress for Q1 FY2024	
Project Title	FEMA FAAsT #
Distribution Feeders - Mayaguez Short Term Group 1	334308
Distribution Feeders - Caguas Short Term Group 1	334420
Distribution Feeders - Caguas Short Term Group 2	334443
Distribution Feeders - Caguas Short Term Group 3	334452
Distribution Feeders - San Juan Short Term Group 1	334471
Distribution Feeders - San Juan Short Term Group 2	334472
Distribution Feeders - Bayamon Short Term Group 1	334473
Distribution Feeders - Bayamon Short Term Group 2	334474
Distribution Feeders - Bayamon Short Term Group 3	334475
Distribution Feeders - Carolina Short Term Group 3	334477
Distribution Feeders - Caguas Short Term Group 5	334491

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DSOW Progress for Q1 FY2024	
Project Title	FEMA FAAS#
Distribution Feeders - Caguas Short Term Group 6	334497
Distribution Feeders - Caguas Short Term Group 7	334518
Distribution Feeders - Arecibo Short Term Group 1	436616
Distribution Feeders - San Juan Short Term Group 3	546374
Distribution Feeders - Caguas Short Term Group 4	730513
Distribution Feeders - Caguas Short Term Group 8	730541
Distribution Feeders - Ponce Short Term Group 1	730586
Distribution Feeders - Arecibo Short Term Group 2	730821

Table 1-7 Distribution Streetlighting

DSOW Progress for Q1 FY2024	
Project Title	FEMA FAAS#
Distribution Streetlighting - San Juan	666894
Distribution Streetlighting – Utuado	671396
Distribution Streetlighting - Barceloneta	671400
Distribution Streetlighting – Yabucoa	671502
Distribution Streetlighting – Carolina	678789
Distribution Streetlighting - Mayagüez	678793
Distribution Streetlighting - Bayamón	679780
Distribution Streetlighting - Isabela	686482
Distribution Streetlighting - Humacao	690480
Distribution Streetlighting – Cayey	690483
Distribution Streetlighting - Guayama	690721
Distribution Streetlighting - Rio Grande	693615
Distribution Streetlighting - Toa Alta	693788
Distribution Streetlighting – Maricao	698427
Distribution Streetlighting - Guaynabo	698458
Distribution Streetlighting – Vieques	698522
Distribution Streetlighting – Corozal	698570
Distribution Streetlighting – Juana Díaz	699814
Distribution Streetlighting - Canóvanas	701473

Table 1-8 Distribution Pole and Conductor Repair

DSOW Progress for Q1 FY2024	
Project Title	FEMA FAAS#
Distribution Pole and Conductor Repair - Ponce Group 21	710094
Distribution Pole and Conductor Repair - Bayamón Group 18	710110

LUMA Quarterly Federal Funding Report

Substations

Table 1-9 Substation Rebuilds

DSOW Progress for Q1 FY2024	
Project Title	FEMA FASt #
Baldrich – 1422	550894
HV Equipment Replacement Group 2	729286

Transmission

Table 1-10 Transmission Line Rebuild

DSOW Progress for Q1 FY2024	
Project Title	FEMA FASt #
Line 600 Caguas TC to Gautier Benitez Sect.	550019
Line 51200- Costa Sur Steam Plant to Cambalache Gas Plant (230 kV)	718951
Line 50200 (230 kV) from Costa Sur SP to Bayamón TC	718955
Line 50300 (230 kV) from Costa Sur Steam Plant to Aguirre Steam Plant	718971

Vegetation

Table 1-11 Vegetation Management and Capital Clearing Implementation

DSOW Progress for Q1 FY2024	
Project Title	FEMA FASt #
Region 1 - San Juan Transmission/Distribution 38 kV and below	723883
Region 3 - Bayamón Transmission/Distribution – 38 kV and below	727522
Region 6 - Ponce Transmission – 115 kV	727529
Region 6 - Ponce Transmission/Distribution – 38 kV and below with EHP sensitive areas	727530
Region 6 - Ponce Transmission/Distribution – 38 kV and below	727531
Region 2 - Arecibo Transmission/Distribution – 38 kV and below with EHP sensitive areas	727540
Region 3 - Bayamón Transmission – 115 kV	727558
Region 5 - Mayaguez Transmission/Distribution – 38 kV and below with EHP sensitive areas	727562
Region 3 - Bayamón Transmission/Distribution – 38 kV and below with EHP sensitive areas	727572
Region 4 - Caguas Transmission – 115 kV	727606
Region 1 - San Juan Transmission – 115 kV	727608
Region 5 - Mayaguez Transmission – 115 kV	727657
Region 2 - Arecibo Transmission – 115 kV	727659
Region 1 - San Juan Transmission/Distribution – 38 kV and below with EHP sensitive areas	727691

LUMA Quarterly Federal Funding Report

DSOW Progress for Q1 FY2024	
Project Title	FEMA FAAS#
Region 4 - Caguas Transmission/Distribution – 38 kV and below	727692
Region 4 - Caguas Transmission/Distribution – 38 kV and below with EHP sensitive areas	727694
Region 2 - Arecibo Transmission/Distribution – 38 kV and below	728827
Region 5 - Mayaguez Transmission/Distribution – 38 kV and below	728832

Telecommunications

Table 1-12 IT/OT Telecom Systems and Network

DSOW Progress for Q1 FY2024	
Project Title	FEMA FAAS#
SCADA Remote Access and RTU Replacements Group 2	551926
Transport Network	551963

Table 1-13 Advanced Metering Infrastructure (AMI) Implementation Program

DSOW Progress for Q1 FY2024	
Project Title	FEMA FAAS#
Advanced Metering Infrastructure (AMI)	714654

1.6 Initial Scopes of Work

LUMA continues to advance ISOWs for PREB approval and FAAS# number assignment by FEMA. During the first quarter:

- LUMA submitted one ISOW (4x25 MW BESS Interconnections at LUMA 38 kV System project) for PREB approval and subsequently to FEMA/COR3 for FAAS# number assignment.
- LUMA submitted to FEMA ISOWs for projects already approved by PREB for 40 T&D projects, consisting of:

Table 1-14 Initial SOWs

Initial Scopes of Work Submitted to FEMA	
LUMA Improvement Program	Total ISOWs Submitted
Vegetation Management and Capital Clearing Implementation	1
Distribution Streetlighting	14
Distribution Line Rebuild	5
Transmission Line Rebuild	2
Substation Rebuilds	1
Distribution Automation	1

LUMA Quarterly Federal Funding Report

LUMA also received FEMA FAASSt numbers for 41 T&D projects, including one that was submitted during the previous quarter.

1.7 Additional Funding Sources

In its role as the operator of the T&D System, LUMA continues to pursue federal funding opportunities in addition to the Hurricane Maria FEMA Public Assistance (PA) grant which will be key to funding the required repairs to fully restore the Puerto Rico electrical system.

The table below outlines LUMA's continued progress for Q1 FY2024 in pursuing federal funding opportunities:

Table 1-15 Additional Funding Sources

Additional Funding Sources (Other than FEMA PA Grants)	
Proposals Submitted to Department of Energy	<ul style="list-style-type: none">Proposal to harden a portion of the underground transmission loop in San Juan.Proposal for real-time situational awareness for flexible and resilient transmission grid in Puerto Rico.
Infrastructure Investment and Jobs Act (IIJA)	<ul style="list-style-type: none">Proposal to Northeastern Puerto Rico Innovation Alliance for outage anticipation, response, and grid self-healing control during abnormal weather events.Proposal for supporting the PR government in submitting a project for the Grid Modernization Utilizing an Advanced Grid Infrastructure (AGI).
Federal Funding from Other Agencies (non-FEMA)	<p>Engaged with our grid recovery partners on additional federal funding opportunities to include:</p> <ul style="list-style-type: none">Department of Energy (DOE) electrical system improvement grants.HUD and PRDOH CDBG-DR programs for hazard mitigation, grid resilience, and cost share, as well as proposals in all major asset categories and projects.

2.0 Federally Funded Project Status

LUMA has submitted and received approval from PREB for 211 projects and programs representing an estimated \$13.2 billion in investments since commencement. In addition, LUMA has submitted to FEMA a total of 400 ISOWs for T&D projects that have received FAASSt numbers representing an estimated \$11.1 billion in reconstruction activities.⁴

- Of the 400⁵ projects noted above, LUMA submitted 248 DSOWs to COR3/FEMA for approval representing \$8.4 billion.

⁴ The following project worksheets (PWs) are not included: "FAASSt [Equipment and Materials]", "MEPA181-Others- PREPA Management Costs", and "FAASSt A&E PREPA".

⁵ Several initial SOWs approved by PREB are deemed as programs that have been or will be divided into multiple projects over time (as noted in the Executive Summary).

LUMA Quarterly Federal Funding Report

- Of the 248 DSOWs noted above, LUMA has received FEMA obligation for 122 projects representing \$705 million, as well as:
 - \$656 million for the procurement of long-lead time materials; and
 - \$1.06 billion in A&E.

Table 2-1 below outlines the aggregated status of all planned federally funded projects and their respective estimated value.

2.1 Status of Federal Funded Projects as of September 30, 2023

Table 2-1 Project Status Summary

Project Status Summary (\$ in billions)		
PREB Project Status	Number of Projects	Estimated Amount
Projects/Programs Submitted and Approved by PREB	211	\$13.2
FEMA Project Status	Number of Projects	Estimated Amount ⁶
Projects in the preliminary engineering phase.	152	\$2.7
Project detailed SOWs submitted to FEMA pending obligation	126	\$7.7
Projects obligated by FEMA enabling detailed engineering	22	\$0.1
Projects Obligated by FEMA that started Construction	100	\$0.6
Totals	400	\$11.1

Table 2-2 below outlines federal funding by source and cost share as of September 30, 2023.

2.2 Status of FEMA Obligated Projects as of September 30, 2023.

Table 2-2 FEMA-Obligated T&D Project Costs

FEMA-Obligated T&D Project (\$ in millions)						
FEMA-Obligated T&D Projects	Total Projects	428	406 HMP	Global FAASt A&E	Federal Share (90%)	Non-Federal Share (10%)
	122	\$559	\$54	\$92	\$635	\$71

⁶ Estimated amounts are based on the most recent estimated project costs, which may have changed since the initial stages of the FAASt process and may result in a fluctuation of the estimated amounts quarter by quarter.