

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

NEPR

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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: Submittal of LUMA's December 2023
Update to PREPA-LUMA 90-Day Plan for T&D
Projects

**MOTION SUBMITTING LUMA'S DECEMBER 2023 UPDATE TO
PREPA-LUMA 90-DAY PLAN FOR T&D PROJECTS**

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. Pursuant to the continued reporting requirements set forth in this Puerto Rico Energy Bureau's ("Energy Bureau") Resolution and Order of March 26, 2021,³ and in accordance with LUMA's Motion of July 15, 2021,⁴ and PREPA's and LUMA's Motion of September 21, 2021⁵, LUMA hereby submits, as *Exhibit 1* to this Motion, LUMA's December 2023 update to the

¹ Register No. 439372.

² Register No. 439373.

³ In this Resolution and Order ("March 26th Resolution"), the Energy Bureau required, among others, that the Puerto Rico Electric Power Authority ("PREPA") "continue reporting to the Energy Bureau and [the Federal Emergency Management Agency ("FEMA")], within the next five (5) years, the progress of all ongoing efforts related to the final approval of the submitted projects not yet approved by the Energy Bureau". March 26th Resolution on page 19.

⁴ This refers to the *Motion Submitting the Corrected LUMA Presentation at the Technical Conference of July 11, 2021, and Requesting Approvals of Matters Presented and Proposed during the Technical Conference* filed by LUMA on July 15, 2021 ("July 15th Motion") wherein LUMA proposed, among others, that reporting in this docket be done quarterly and that updates to the 90-Day Plan in relation to the 10-Year Infrastructure Plan be provided to the Energy Bureau during the last month of every quarter as it is provided to FEMA. See the July 15th Motion on pages 8-9.

⁵ This refers to the *Motion Submitting September 2021 Update to PREPA-LUMA 90-Day Plan* jointly filed by LUMA and PREPA on September 21, 2021 ("LUMA September 21 Motion") wherein LUMA and PREPA informed that going forward; they would continue to file the PREPA-LUMA 90-Day Plans, instead of 90-Day updates of the 10-Year Infrastructure Plan given that FEMA only required the 90-Day Plans. See September 21 Motion on page 4.

PREPA-LUMA 90-Day Plan pertaining to the transmission and distribution system projects (“T&D Projects”) updating the status of T&D Projects and providing a summary of key next steps for the upcoming 90 days (“December 2023 Update to PREPA-LUMA 90-Day Plan”).

2. In addition, as *Exhibit 2* to this Motion, LUMA submits a redline version that compares the update to the PREPA-LUMA 90-Day Plan filed with this Energy Bureau on September 14, 2023 (*see Exhibit 1 of Motion Submitting September 2023 Update to PREPA-LUMA 90-Day Plan for T&D Projects* filed by LUMA on that date) with the December 2023 Update to PREPA-LUMA 90-Day Plan being submitted today.

WHEREFORE, LUMA respectfully requests that the Energy Bureau **take notice** of the aforementioned and **accept** LUMA’s December 2023 Update to PREPA-LUMA 90-Day Plan for T&D Projects submitted herein as **Exhibit 1** to this Motion in compliance with LUMA’s reporting obligations.

RESPECTFULLY SUBMITTED.

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

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



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Exhibit 1

December 2023 T&D 90-Day Plan

Exhibit 2

Redline showing changes from the September 2023 Update to PREPA-LUMA 90-Day Plan for T&D Projects to the December 2023 Update to PREPA-LUMA 90-Day Plan for T&D Projects



FEMA



90-Day Plan

December 2023



December 2023

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I. Introduction

In accordance with the directive received from FEMA to produce a 90-Day Plan, this document captures an overview of the key next steps and progress made on FEMA-funded projects for the Puerto Rico electric transmission and distribution grid.

On June 1, 2021, LUMA assumed overall responsibilities for the Puerto Rico Electric Power Authority's (PREPA) Transmission and Distribution (T&D) System as outlined within the Operations and Maintenance Agreement (OMA) between PREPA, P3A, and LUMA. Upon commencement of the Service Period, PREPA refocused its efforts on projects in the Generation and Dams, Hydro, and Irrigation asset categories; while projects in the Transmission, Distribution, Substations, IT/Telecom, Buildings, and other categories (T&D Projects) were transitioned to and are now the responsibility of LUMA.

This 90-Day Plan provides information on various focus areas for LUMA.

II. Overview of Focus Areas for the Next 90 Days

The content below summarizes next steps across the following five areas:

1. PREPA-LUMA Coordination and Alignment
2. Federal Grant Management
3. Funding and Reporting
4. Environmental and Historic Preservation
5. Engineering Management

1. PREPA-LUMA Coordination and Alignment

PREPA and LUMA goals for the next 90 days:

- PREPA and LUMA leadership will participate in regular weekly meetings with the Central Office for Recovery, Reconstruction, and Resiliency (COR3), FEMA, and Genera, to ensure visibility of project progress, the coordination and understanding of common matters, and to identify and resolve risks that involve points of integration between the entities.
- LUMA will continue to coordinate with PREPA and Genera to support successful operations under the T&D OMA.
- LUMA and PREPA will continue to collaborate on the Vieques and Culebra Microgrid Project. LUMA has assumed project lead responsibilities and coordinating the project hand-offs for design, construction, and post-production phases for the appropriate operational

jurisdictions. LUMA is engaged with COR3 and P3A to identify and collaborate on project construction and operational jurisdiction challenges related to the O&M Agreement between LUMA and PREPA.

2. Federal Grant Management

LUMA goals for the next 90 days:

- LUMA will continue working with FEMA and COR3 to obtain project obligations for the 142 detailed scopes of work (DSOWs) that have been submitted but are not yet obligated.
- LUMA will secure obligation for critical projects, including engineering, procurement, and construction (EPC) projects, and the Vegetation Clearing Project.
- LUMA will develop and submit 52 DSOWs for grid automation to align with an execution strategy.
- LUMA will seek obligation for additional long-lead materials.

During the last 90-day period, LUMA completed the following:

- LUMA submitted 43 DSOWs to FEMA for approval, representing \$1.2 billion in capital investments.
- LUMA aligned on approach to scope changes of one-year hazard mitigation activities. Awaiting letter and guidance on path forward from COR3 and FEMA.

3. Funding and Reporting

LUMA goals for the next 90 days:

- LUMA expects to submit \$40 million in requests for reimbursements (RFRs) during the next quarter.
- LUMA will continue implementation of a time reporting and technology project to automate request for reimbursement (RFR) process related to federally funded projects. The goal is to accelerate submissions to COR3 while ensuring federal compliance.
- LUMA will continue to redesign processes to provide the necessary tools to determine the federal funding eligibility.

During the last 90-day period, LUMA completed the following:

- LUMA has submitted \$129 million in requests for reimbursements RFRs to date. Another \$14 million is expected to be submitted by the end of December 2023.

- LUMA submitted the Q1 FY2024 Federal Funding Report to the PREB highlighting LUMA's progress in executing activities related to federally funded T&D projects.

Key milestones during the first quarter included:

- Seventeen FEMA-obligated T&D projects started construction.
- Sixty-seven DSOWs submitted to COR3 and FEMA, including EPC projects to deploy critical new substations.
- Forty initial scopes of work (ISOWs) were submitted to FEMA for FAASt numbers.
- Forty-one T&D projects received FEMA FAASt numbers, including grid automation and vegetation clearing projects.

4. Environmental and Historic Preservation

LUMA goals for the next 90 days:

- LUMA will work with FEMA and COR3 to establish a programmatic approach to boring plan access road reviews and environmental compliance.
- LUMA will work with FEMA and COR3 on the phase 1 and levels 1 and 2 archeological review requirements and align with project scopes and areas of potential effect (APE).
- LUMA will continue with biweekly FEMA/EHP meetings and consultations to support project development and execution.
- LUMA will continue environmental field inspections on construction projects with FEMA-approved DSOWs. The inspections include assessment of:
 - Adherence to requirements for equipment use, vegetation clearing, waste handling and other activities
 - Employee training in environmental awareness
 - Measures being taken to protect endangered and protected species
 - Ground disturbance management practices
 - Compliance with archeological and/or historic site considerations
 - Proper execution of work near bodies of water (buffer zones and/or permits)
 - Waste management (e.g., staging, segregation, transportation) as well as the final facility (landfill, recycling, or reuse)
- LUMA will review the compliance inspection forms and provide training to employees and contractor to ensure environmental compliance.

- LUMA will continue archaeological desktop reviews with external contractors towards the development of DSOWs.
- LUMA will continue with the development of process for work in areas that require managing lead-containing materials.
- LUMA will review the following health, safety, and environmental policies: asbestos (0724); spill response (0310); waste management (0315); and acquisition and divestiture environmental requirements for alignment with EHP process (0330).

During the last 90-day period, LUMA completed the following:

- LUMA EHP team completed an internal environmental assessment for vegetation clearance. This activity supported the identification of environmentally sensitive and nonsensitive areas toward developing vegetation DSOW development, obligation, and priority project execution.
- LUMA, COR3, and FEMA continue to develop effective EHP processes for environmental compliance in regard to project development, formulation and obligation for EPC projects.
- LUMA will continue to engage with the Instituto de Cultura Puertorriqueña (ICP) to expedite the required archaeological studies for all projects. Continued coordination between LUMA and ICP takes place on a project-by-project basis for the phase 1 archeological reviews.
- LUMA completed the installation of containers to store used transformers in the technical offices of Bayamon, Guayama, Caguas, and Aguadilla in compliance with the Clean Water Act (CWA) and the spill prevention program.

5. Engineering Management

LUMA goals for next 90 days:

- LUMA will complete an additional six distribution area plans to identify rebuild priorities and mitigation solutions for contingency issues and determine sectionalization and segmentation needs (e.g., installation of grid automation) to enhance reliability.
- LUMA will submit ISOWs for an additional 22 transmission line rebuild projects and commence the A&E assignment of those projects.
- LUMA will continue to make progress on the 38 kV transmission lines area plans to improve transmission reliability. The work includes mitigation for N-1 contingency violations, activation of a segmentation and sectionalization strategy, and ensuring that customers will have load transfer capability. This

work will continue during the next 90 days but will not be completed during that period.

- LUMA is continuing work on improving system models and ensuring that computer-based models match the physical condition of the grid. This will ensure proper analysis can be performed to support the area planning effort, grid automation device placements, feeder solar PV hosting capacity, and distribution feeder rebuilds.

Additionally, LUMA is performing distribution feeder verification in the field to refine the mapping data. The data collected will include, but are not limited to, conductor sizes, transformer sizes, checking for connectivity, locating missing meters, tie points, grid automation devices, regulators, and capacitor banks.

- LUMA will continue engineering on all projects with FEMA-approved DSOWs.
- LUMA will submit DSOWs for critical projects including transmission lines and distribution projects.
- LUMA will award contract(s) under A&E RFP for engineering studies.

During the last 90-day period, LUMA completed the following:

- LUMA completed the planning technical studies and functional specifications on 22 transmission lines for long-term transmission reliability solutions.
- LUMA conducted preliminary engineering, including system planning review, standards review, and the development of preliminary design packages and class 3 estimates, to support the submission of 43 DSOWs to FEMA for approval, representing \$1.2 billion in capital investments.
- LUMA continued preliminary engineering design work with existing A&E firms towards the development of DSOWs.
- LUMA continued engineering on all projects with FEMA-approved DSOWs.
- LUMA submitted DSOWs for critical projects including vegetation clearing, transmission lines, and distribution feeder rebuild projects.

III. LUMA Estimated Schedule for DSOW Submission

Over the next 90 days, LUMA will be focused on preparing DSOWs and cost estimates for T&D projects. The tables below show the existing set of projects, by asset category, along with the estimated timing for DSOWs submittals to COR3 and FEMA.

The estimation of project submission timing noted below is based on the best information available to LUMA at the time of this plan update. LUMA is focused on meeting or exceeding the project submission estimates listed in the table below.

Note: Self-performed work includes work performed by Luma internal labor and Quanta contractors. Self-performed work is designated as contracted work (CW), mostly contracted work (MCW), or mostly self-performed work (MSPW).

- **Mostly contracted work (MCW)** = more than 65% of the work is procured/contracted (excluding management and oversight).
- **Mostly self-performed work (MSPW)** = more than 65% of the work is performed by LUMA (excluding management and oversight).
- **A mixture of contracted work and LUMA self-performed work (CW/SPW)** = between 50/50% and 65/35% (excluding management and oversight).

Substations

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
174422	FAASt - Catano-Rebuild 1801(Substation)	Oct-21 (Completed)	Nov-22	CW/SPW	\$23,255,049
550910	FAASt [Physical Security - Group 1] (Substation)	Apr-22 (Completed)	May-23	MCW	\$6,691,229
668669	Mayaguez TC	Apr-22 (Completed)	Aug-25	MCW	Pending Obligation
169266	FAASt Centro Medico 1327/1359 Equipment Repair & Replacement (Substation)	May-22 (Completed)	Apr-25	MCW	\$21,332,361

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Substations (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
165268	FAASt Rio Grande Estate Substation CH-2306 (Substation)	May-22 (Completed)	Nov-23	MSPW	\$11,683,615
178258	Taft MC 1105	May-22 (Completed)	Oct-25	MSPW	Pending Obligation
169495	FAASt [Substations - Tapia GIS Rebuilt Equipment Repair & Replacement] (Substations)	May-22 (Completed)	Oct-24	MCW	\$15,339,932
179558	FAASt - Manatí TC - BRKS 230 kV - (Substation)	May-22 (Completed)	Nov-22	MSPW	\$1,593,443
169896	FAASt - Costa Sur SP TC – Equipment Repair and Replacement (Substation)	Jun-22 (Completed)	May-24	MSPW	\$23,251,835
546371	FAASt- Substation Minor Repairs Group C (Substation)	Jun-22 (Completed)	Jul-24	MCW	\$3,032,891
169500	FAASt [Bayamon TC – MC-BKRS-Y1] (Substation)	Jul-22 (Completed)	Sep-24	MSPW	\$6,372,063
542758	FAASt Substation Minor Repairs -Group B (Substation)	Jul-22 (Completed)	Oct-23	MCW	\$3,412,576
178503	FAASt Aguirre TC - BKRS (Substations)	Oct-22 (Completed)	Jun-21	MSPW	\$39,034,592
549764	FAASt Physical Security - Group 2 (Substation)	Dec-22 (Completed)	Jul-25	MCW	\$2,383,693
551861	FAASt [Physical Security - Group 3] (Substation)	Dec-22 (Completed)	Oct-24	MCW	\$4,133,340
169276	Viaducto TC 1100	Mar-23 (Completed)	Apr-24	MCW	Pending Obligation
682834	Costa Sur-TC (Phases II and III)	Mar-23 (Completed)	Dec-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Substations (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
165209	Culebra 3801	Mar-22	May-24	MCW	\$1,459,609
165209	New Culebra Substation	May-23 (Completed)	Apr-24	MCW	Pending Obligation
165225	Vieques 2501	Mar-22	May-24	MCW	\$1,387,420
165225	New Vieques Substation	May-23 (Completed)	Sep-24	MCW	Pending Obligation
550950	Monacillos	May-23 (Completed)	Dec-24	MCW	Pending Obligation
684920	Substations HV Equipment Replacement (Group 1)	Jun-23 (Completed)	Apr-23	MSPW	Pending Obligation
660422	Physical Security Group 4	Jun-23 (Completed)	Jun-24	MCW	Pending Obligation
549725	Substation Minor Repairs (Group E)	Jun-23 (Completed)	Aug-24	MCW	Pending Obligation
549715	Substation Minor Repairs (Group D)	Jun-23 (Completed)	Sep-24	MCW	Pending Obligation
723077	Sabana Llana TC	Jun-23 (Completed)	Dec-24	CW/SPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Substations (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
682121	Aguirre TC (Phase II)	Jun-23 (Completed)	Dec-24	MCW	Pending Obligation
723002	Jobos TC	Jun -23 (Completed)	Aug-23	MCW	Pending Obligation
723078	San Juan SP TC	Jun-23 (Completed)	Dec-24	MCW	Pending Obligation
550099	Esc. Industrial Miguel Such 1423	Jun-23 (Completed)	Feb-25	MCW	Pending Obligation
550986	Condado 1113	Jun-23 (Completed)	Jul-25	MCW	Pending Obligation
551912	Puerto Nuevo Metalclad 1520	Jun-23 (Completed)	Jul-25	MCW	Pending Obligation
547241	Tallaboa 5402	Jun-23 (Completed)	Dec-25	MCW	Pending Obligation
551918	Crematorio 1512	Jun-23 (Completed)	Jul-25	MCW	Pending Obligation
550980	Parques y Recreos	Jun-23 (Completed)	Nov-25	MCW	Pending Obligation
547243	Egozcue	Jun-23 (Completed)	Dec-25	MCW	Pending Obligation
550106	Conquistador - CH	Jun-23 (Completed)	Apr-23	CW/SPW	Pending Obligation
729286	Substations HV Equipment Replacement Group 2	Sep-23 (Completed)	Feb-24	MSPW	Pending Obligation
550894	Baldrich 1422	Sep-23 (Completed)	Nov-25	MCW	Pending Obligation

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Substations (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
178577	Cachete 1526	Oct-23 (Completed)	Dec-25	MCW	Pending Obligation
550162	Berwind TC- Metalclad - 1336	Oct-23 (Completed)	Apr-25	MCW	Pending Obligation
551260	Guaynabo Pueblo Rebuild	Oct-23 (Completed)	Oct-25	MCW	Pending Obligation
682328	Bayamon TC	Nov-23 (Completed)	Nov-24	MCW	Pending Obligation
547344	Acacias TC Relocation	Dec-23	Nov-25	MCW	Pending Obligation
547343	Victoria TC	Dec-23	Sept-25	MCW	Pending Obligation
550498	Pampanos Relocation	Dec-23	Oct-25	MCW	Pending Obligation
FAASt Number Pending	Venezuela	Jan-24	Jun-23	CW/SPW	Pending Obligation
547187	Arecibo Pueblo 8002 Relocation	Jan-24	Dec-25	MCW	Pending Obligation
FAASt Number Pending	Substations HV Equipment Replacement (Group 3)	Mar-24	Dec-24	MCW	Pending Obligation
547247	Cambalache TC	Mar-24	Jul-25	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Transmission

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
334468	Transmission Priority Pole Replacements – Line 2200	May-22 (Completed)	Mar-23	MSPW	\$1,217,429
168226	San Juan 115kV Underground Transmission Loop	May-22` (Completed)	Oct-24	MCW	\$14,746,040
550896	Transmission Priority Pole Replacements – Line 6700	Jun-22 (Completed)	Feb-23	MSPW	\$690,703
668583	Transmission Priority Pole Replacements – Line 13300	Jun-22 (Completed)	Nov-23	MSPW	\$453,597
668592	Transmission Priority Pole Replacement - Line 9800 Bayamón TC - Guaraguao Sect	Jun-22 (Completed)	Oct-23	MSPW	\$420,866
176971	8200 - San Juan SP - Cataño Sect	Jul-22 (Completed)	May-24	MCW	Pending Obligation
168483	36400 - Dos Bocas - Ponce	Aug-22 (Completed)	Dec-24	MCW	Pending Obligation
176913	9500 - Palo Seco SP - Cantaño Sect	Aug-22 (Completed)	Aug-24	MCW	Pending Obligation
166904	37800 - Caguas – Monacillo	Aug-22 (Completed)	Sep-24	MCW	Pending Obligation
180326	Existing 115 kV - Line 36800 Palmer Fajardo to Sabana Llana	Aug-22 (Completed)	Oct-24	MCW	Pending Obligation
180052	Existing 38kV - Line 100, Line 200 Ponce TC to Jobos TC	Aug-22 (Completed)	Sep-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Transmission (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
166860	37800 - Jobos – Caguas	Aug-22 (Completed)	Oct-25	MCW	Pending Obligation
681672	Transmission Priority Pole Replacements – 38kV Line 2300	Sep-22 (Completed)	May-24	MSPW	\$216,367
167168	37100 - Costa Sur - Acacias	Sep-22 (Completed)	Jan-25	MCW	Pending Obligation
166707	51300 - Ponce - Costa Sur	Nov-22 (Completed)	Oct-24	MCW	Pending Obligation
165213	Mainland 5400 - Rio Blanco HP - Daguao TC	Nov-22 (Completed)	Jul-25	MCW	Pending Obligation
167508	50100 - Cambalache - Manati	Nov-22 (Completed)	Jun-25	MCW	Pending Obligation
167446	36100 - Dos Bocas – Monacillos	Jun-23 (Completed)	March-23	MCW	Pending Obligation
177191	39000 - Aguas Buenas – Caguas	Jun-23 (Completed)	Dec-24	MCW	Pending Obligation
547269	2800 - Aguadilla Hospital Distrito Sect to T-Bone TO	Jun-23 (Completed)	Apr-25	MCW	Pending Obligation
547259	2700 - Victoria TC to Quebradillas Sect	Jun-23 (Completed)	Jun-25	MCW	Pending Obligation
176954	1100 - Garzas 1 HP - Garzas 2 HP	Jun-23 (Completed)	Jul-25	MCW	Pending Obligation
177134	4100 - Guaragua TC - Comerio TC	Jun-23 (Completed)	Nov-25	MCW	Pending Obligation
548598	36200 - Fajardo to Rio Blanco (Evaluating for relocation)	Jun-23 (Completed)	May-26	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Transmission (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
718955	TL-50200 - Costa Sur SP to Bayamon TC	Jul-23 (Completed)	Dec-24	MCW	Pending Obligation
718971	TL-50300 - Costa Sur SP to Aguirre SP	Jul-23 (Completed)	Dec-24	MCW	Pending Obligation
718951	TL-51200- Costa Sur to Cambalache	Jul-23 (Completed)	Dec-24	MCW	Pending Obligation
167443	36200 - Monacillos - Juncos	Jul-23 (Completed)	Oct-25	MCW	Pending Obligation
550019	600 - Caguas TC to Gautier Benitez Sect	Sep-23 (Completed)	Feb-25	MCW	Pending Obligation
712977	3000 - Caguas TC - Caguax Sect	Dec-23	Jun-24	CW/SPW	Pending Obligation
711909	100 - Jobos TC - Guayama TO	Dec-23	Jun-24	CW/SPW	Pending Obligation
712980	3000 - Caguax Sect - Juncos TC	Dec-23	Jun-24	CW/SPW	Pending Obligation
711670	100 - Salinas Sect - Jobos TC	Dec-23	May-24	CW/SPW	Pending Obligation
711819	13400 - Acacias TC - San German Sect - La Parguera Sect	Dec-23	Aug-24	CW/SPW	Pending Obligation
435257	3000 - Monacillos TC - Bairoa TO	Dec-23	Aug-24	CW/SPW	Pending Obligation
708637	3700 - Maunabo TC - Humacao TC	Dec-23	Aug-24	CW/SPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Transmission (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
334331	1900 - Dos Bocas to San Sebastian	Dec-23	Oct-25	MCW	Pending Obligation
334470	3100 - Monacillo TC to Dagua TC	Dec-23	Sep-25	MCW	Pending Obligation
547251	2400 - Dos Bocas to American Apparel	Mar-24	May-24	MCW	Pending Obligation
550902	9700 Palo Seco SP to Bay View Sect	Mar-24	Apr-25	MCW	Pending Obligation
730657	2200 - Dos Bocas to Dorado	Mar-24	Aug-25	MCW	Pending Obligation
551911	9100 - Guaraguao TC to Bayamón Pueblo Sect	Mar-24	Sep-25	MCW	Pending Obligation
551067	11100 – Canovanas TC TO GOAB 11115	Mar-24	Oct-25	MCW	Pending Obligation
334334	500 Ponce TC to Costa Sur SP	Mar-24	Sep-25	MCW	Pending Obligation
547226	11400 – Barceloneta TC to Florida	Mar-24	Nov-25	MCW	Pending Obligation
547350	13300 - Bayamón Tc to Plaza del Sol	Mar-24	Oct-25	MCW	Pending Obligation

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Grid Automation

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
688623	Transmission and Distribution Grid Program (Group 1)	May-23	Feb-23	MSPW	Pending Obligation
705657	Area-Wide Distribution Grid (Group Mayaguez)	Oct-23	Oct-23	MSPW	Pending Obligation
703222	Area-Wide Grid Automation (Group 2)	Oct-23	Oct-23	MSPW	Pending Obligation
706498	Area-Wide Grid Automation (San Juan/Bayamon Group)	Dec-23	Oct-23	MSPW	Pending Obligation
FAASt number pending	DAF - Fuse Cutout Installation – Group B	Jan-24	Jan-24	MSPW	Pending Obligation
FAASt number pending	DAF Fuse Cutout Installation – Group A	Jan-24	Sep-23	MSPW	Pending Obligation
FAASt number pending	DAR - SAN JUAN 1204, 1346 - FY24	Jan-24	Nov-23	MSPW	Pending Obligation
FAASt number pending	DAR - SAN JUAN 1343, 1437, 1525 - FY24	Jan-24	Nov-23	MSPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAASt number pending	DAR - BAYAMON 1709, 1719 - FY24	Jan-24	Jan-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 9401, 9801, 9802 - FY24	Jan-24	Jan-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 1703, 1704- FY24	Jan-24	Jan-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 1717, 9503 - FY24	Jan-24	Jan-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 1901, 1907 - FY24	Jan-24	Jan-24	MSPW	Pending Obligation
FAASt number pending	DAF - Fuse Cutout Installation – Group C	Feb-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 2601, 2602, 2701, 2702 - FY24	Feb-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 2901, 3006 - FY24	Feb-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 3010, 3013 - FY24	Feb-24	Feb-24	MSPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAASt number pending	DAR - CAGUAS 3102, 3201, 3301 - FY24	Feb-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 3405, 3501 - FY24	Feb-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 9901, 9902 - FY24	Feb-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - ARECIBO 7402, 7403, 7702 - FY24	Feb-24	Apr-24	MSPW	Pending Obligation
FAASt number pending	DAR - ARECIBO 8010, 8013, 8015 - FY24	Jan-24	Apr-24	MSPW	Pending Obligation
FAASt number pending	DAR - ARECIBO 8203, 8404, 8405 - FY24	Jan-24	Apr-24	MSPW	Pending Obligation
FAASt number pending	DAR - ARECIBO 8501, 8504, 8801 - FY24	Jan-24	Apr-24	MSPW	Pending Obligation
FAASt number pending	DAR - ARECIBO 9002, 9003, 9004 - FY24	Feb-24	May-24	MSPW	Pending Obligation
FAASt number pending	DAR - ARECIBO 9101, 9105, 9201 - FY24	Feb-24	May-24	MSPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAASt number pending	DAR - PONCE 4001, 5401, 5602, 6601 - FY24	Feb-24	Jun-24	MSPW	Pending Obligation
FAASt number pending	DAR - SAN JUAN 1110, 1206, 1336 - FY24	Jan-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - SAN JUAN 2403,2404 - FY24	Jan-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - SAN JUAN 2001, 2006, 2302, 2306 - FY24	Jan-24	Feb-24	MSPW	Pending Obligation
FAASt number pending	DAR - SAN JUAN 1416,1424,1619, 1620, 1646 - FY24	Jan-24	Mar--24	MSPW	Pending Obligation
FAASt number pending	DAR – BAYAMON 9501, 9203, 9207	Feb-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 9202, 9203, 9207 - FY24	Feb-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 1801, 1803, 1806 - FY24	Feb-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 1716, 1718, 1734 - FY24	Feb-24	Mar-24	MSPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAASt number pending	DAR - BAYAMON 1710,1711,1713, 1714 - FY24	Feb-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 1701, 1706, 1707, 1708 - FY24	Feb-24	Marr-24	MSPW	Pending Obligation
FAASt number pending	DAR - BAYAMON 1529, 1903, 1909 - FY24	Feb-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 2603, 2801, 2803, 2906 - FY24	Mar-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 3004, 3007, 3009 - FY24	Mar-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 3014, 3015 - FY24	Mar-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 3101, 3103, 3205 - FY24	Mar-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 3302, 3401, 3406, 3502 - FY24	Mar-24	Mar-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 3601, 3602, 3604, 3701 - FY24	Mar-24	Apr-24	MSPW	Pending Obligation
FAASt number pending	DAR - CAGUAS 9601, 9605, 8703 - FY24	Mar-24	Apr-24	MSPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAASt number pending	DAR - ARECIBO 8005, 8101, 8103, 8104 - FY24	Feb-24	May-24	MSPW	Pending Obligation
FAASt number pending	DAR - ARECIBO 8202, 8301, 8302 - FY24	Feb-24	May-24	MSPW	Pending Obligation
FAASt number pending	DAR - ARECIBO 8602, 8701, 9001 - FY24	Feb-24	May-24	MSPW	Pending Obligation
FAASt number pending	DAR - PONCE 4003, 4101 - FY24	Feb-24	Jun-24	MSPW	Pending Obligation
FAASt number pending	DAR - PONCE 4201, 4301, 4401 - FY24	Feb-24	Jun-24	MSPW	Pending Obligation
FAASt number pending	DAR - PONCE 4601, 4602, 4603 - FY24	Feb-24	Jun-24	MSPW	Pending Obligation
FAASt number pending	DAR - PONCE 5002, 5004, 5007 - FY24	Mar-24	Jun-24	MSPW	Pending Obligation
FAASt number pending	DAR - PONCE 5011, 5013, 5016 - FY24	Ma-24	Jun-24	MSPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAASt number pending	DAR - PONCE 5018, 5019 - FY24	Mar-24	Jun-24	MSPW	Pending Obligation
FAASt number pending	DAR - PONCE 5301, 5302, 5304 - FY24	Mar-24	Jun-24	MSPW	Pending Obligation
FAASt number pending	DAR - PONCE 5501, 5802, 5803, 5817, 5901 - FY24	Mar-24	Jun-24	MSPW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Feeder Rebuild

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
165226	Vieques Feeders 2501-01, 2501-02, 2501-03 and Culebra Feeders 3801-01, 3801-02	Dec-22 (Completed)	May-24	MCW	Pending Obligation
334308	Distribution Feeder (Mayagüez Group 1)	Jul-23 (Completed)	Jun-24	MCW	Pending Obligation
334191	Distribution Feeder (Mayagüez Short Term Group 3)	Jul-23 (Completed)	Jun-24	MCW	Pending Obligation
334285	Distribution Feeder (Mayagüez Group 2)	Jul-23 (Completed)	Jun-24	MCW	Pending Obligation
334293	Distribution Feeder (Mayagüez Short-Term Group 4)	Jul-23 (Completed)	Jul-24	MCW	Pending Obligation
334474	Distribution Feeder (Bayamón Short-Term Group 2)	Jul-23 (Completed)	Dec-24	MCW	Pending Obligation
546374	Distribution Feeder (San Juan Group 3)	Aug-23 (Completed)	Aug-24	MCW	Pending Obligation
334472	Distribution Feeder (San Juan Group 2)	Sep-23 (Completed)	Jul-24	MCW	Pending Obligation
334497	Distribution Feeder (Caguas Group 6)	Sep-23 (Completed)	Aug-24	MCW	Pending Obligation
334471	Distribution Feeder (San Juan Group 1)	Sep-23 (Completed)	Aug-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Feeder Rebuild (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
334473	Distribution Feeder (Bayamón Group 1)	Sep-23 (Completed)	Aug-24	MCW	Pending Obligation
730513	Distribution Feeder (Caguas Group 4)	Sep-23 (Completed)	Aug-24	MCW	Pending Obligation
730541	Distribution Feeder (Caguas Group 8)	Sep-23 (Completed)	Aug-24	MCW	Pending Obligation
334477	Distribution Feeder (Carolina Group 3)	Sep-23 (Completed)	Sep-24	MCW	Pending Obligation
730586	Distribution Feeder (Ponce Group 1)	Sep-23 (Completed)	Sep-24	MCW	Pending Obligation
334475	Distribution Feeder (Bayamón Group 3)	Sep-23 (Completed)	Oct-24	MCW	Pending Obligation
334452	Distribution Feeder (Caguas Group 3)	Sep-23 (Completed)	Oct-24	MCW	Pending Obligation
436616	Distribution Feeder (Arecibo Group 1)	Sep-23 (Completed)	Dec-24	MCW	Pending Obligation
334491	Distribution Feeder (Caguas Group 5)	Sep-23 (Completed)	Jul-25	MCW	Pending Obligation
334420	Distribution Feeder (Caguas Group 1)	Sep-23 (Completed)	Jul-25	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Feeder Rebuild (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
730821	Distribution Feeder (Arecibo Group 2)	Sep-23 (Completed)	Jul-25	MCW	Pending Obligation
334443	Distribution Feeder (Caguas Group 2)	Sep-23 (Completed)	Sep-25	MCW	Pending Obligation
546386	Distribution Feeder (El Yunque Group)	Sep-23 (Completed)	Oct-25	MCW	Pending Obligation
334518	Distribution Feeder (Caguas Group 7)	Sep-23 (Completed)	Nov-25	MCW	Pending Obligation
334476	Distribution Feeder (Carolina Group 2)	Nov-23 (Completed)	Nov-25	MCW	Pending Obligation
730824	Distribution Feeder (Ponce Group 2)	Nov-23 (Completed)	Dec-25	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
334323	Ponce Group 1	Jan-22 (Completed)	Mar-22	CW/SPW	\$392,822
542762	Arecibo Group 2	Jan-22 (Completed)	Mar-22	CW/SPW	\$767,868
334488	Caguas Group 4	Feb-22 (Completed)	May-22	CW/SPW	\$153,743
334527	Caguas Group 8	Feb-22 (Completed)	Sep-22	CW/SPW	\$123,721
334329	Ponce Group 2	Jan-22 (Completed)	Jun-23	CW/SPW	\$380,253
673839	Bayamon Group 2	May-22 (Completed)	Apr-23	CW/SPW	\$26,298
673848	Carolina Group 3	Jun-22 (Completed)	Apr-22	CW/SPW	\$49,345
673774	Mayaguez Group 1	Jun-22 (Completed)	Apr-22	CW/SPW	\$1,766,951
673847	Carolina Group 2	Jun-22 (Completed)	Mar-22	CW/SPW	\$240,513
673818	San Juan Group 1	Jun-22 (Completed)	Aug-22	CW/SPW	\$793,418

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
674098	Caguas Group 7	Jun-22 (Completed)	Feb-23	CW/SPW	\$107,755
673838	San Juan Group 2	Jun-22 (Completed)	May-23	CW/SPW	\$357,614
674092	Caguas Group 5	Jun-22 (Completed)	Jun-23	CW/SPW	\$531,730
673795	Mayaguez Group 4	Jun-22 (Completed)	Jun-23	CW/SPW	\$1,794,117
673775	Mayaguez Group 3	Jul-22 (Completed)	Jan-22	CW/SPW	\$4,432,648
673836	Bayamon Group 1	Jul-22 (Completed)	Jun-22	CW/SPW	\$5,751,036
673771	Arecibo Group 1	Jul-22 (Completed)	Nov-22	CW/SPW	\$2,366,561
674072	Caguas Group 1	Jul-22 (Completed)	Nov-22	CW/SPW	\$1,111,094
674083	Caguas Group 2	Jul-22 (Completed)	Nov-22	CW/SPW	\$2,110,462
673843	Bayamon Group 3	Jul-22 (Completed)	Feb-23	CW/SPW	\$1,131,855

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
674096	Caguas Group 6	Jul-22 (Completed)	Feb-23	CW/SPW	\$2,092,280
673772	Mayaguez Group 2	Jul-22 (Completed)	Mar-23	CW/SPW	\$4,122,520
678985	Bayamon Group 4	Aug-22 (Completed)	Mar-23	CW/SPW	\$407,946
679033	Caguas Group 9	Aug-22 (Completed)	Apr-23	CW/SPW	\$908,942
674088	Caguas Group 3	Jul-22 (Completed)	May-22	CW/SPW	\$1,702,021
673844	San Juan Group 3	Jul-22 (Completed)	May-23	CW/SPW	\$1,392,065
679127	Arecibo Group 3	Aug-22 (Completed)	May-23	CW/SPW	\$217,163
679149	Mayaguez Group 5	Aug-22 (Completed)	Aug-23	CW/SPW	\$157,187
679457	Ponce Group 3	Aug-22 (Completed)	Jun-23	CW/SPW	\$746,488
679025	San Juan Group 4	Aug-22 (Completed)	Jan-24	CW/SPW	\$298,631

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
678988	Bayamon Group 5	Sept-22	Mar-23	CW/SPW	\$1,117,787
679133	Arecibo Group 4	Sept-22 (Completed)	Mar-24	CW/SPW	\$21,362
679026	San Juan Group 5	Sept-22 (Completed)	May-23	CW/SPW	\$590,296
679134	Caguas Group 10	Sept-22 (Completed)	May-23	CW/SPW	\$563,557
679153	Mayaguez Group 6	Sept-22 (Completed)	May-23	CW/SPW	\$215,184
679458	Ponce Group 4	Sept-22 (Completed)	Jul-23	CW/SPW	\$593,918
682882	Caguas Group 11	Nov-22 (Completed)	Jan-23	CW/SPW	\$659,039
682135	Bayamon Group 8	Nov-22 (Completed)	Feb-23	CW/SPW	\$693,781
682898	Bayamon Group 6	Nov-22 (Completed)	Feb-23	CW/SPW	\$744,027

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
682910	Bayamon Group 7	Nov-22 (Completed)	Apr-23	CW/SPW	\$622,823
682324	Caguas Group 13	Nov-22 (Completed)	Apr-23	CW/SPW	\$709,229
682890	Caguas Group 12	Nov-22 (Completed)	May-23	CW/SPW	\$612,379
686453	Mayaguez Group 7	Nov-22 (Completed)	May-23	CW/SPW	\$25,579
685477	Arecibo Group 6	Nov-22 (Completed)	Jun-23	CW/SPW	\$413,482
686471	Arecibo Group 5	Nov-22 (Completed)	Jun-23	CW/SPW	\$319,606
685263	Ponce Group 6	Nov-22 (Completed)	Jul-23	CW/SPW	\$672,383
685943	Ponce Group 5	Nov-22 (Completed)	Jul-23	CW/SPW	\$318,232
682865	San Juan Group 7	Nov-22 (Completed)	Aug-23	CW/SPW	\$91,831
685370	Mayaguez Group 8	Nov-22 (Completed)	Aug-23	CW/SPW	\$83,809

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$*
682870	San Juan Group 6	Nov-22 (Completed)	Aug-23	CW/SPW	\$103,413
682180	Mayaguez Group 10	Dec-22 (Completed)	Jan-23	CW/SPW	\$54,402
682172	Arecibo Group 8	Dec-22 (Completed)	Jan-23	CW/SPW	\$266,071
682136	Bayamon Group 9	Dec-22 (Completed)	Apr-23	CW/SPW	\$565,605
688472	Mayaguez Group 11	Dec-22 (Completed)	Apr-23	CW/SPW	\$179,895
688625	Ponce Group 10	Dec-22 (Completed)	Apr-23	CW/SPW	\$901,290
682228	Ponce Group 8	Dec-22 (Completed)	May-23	CW/SPW	\$952,661
682210	Mayaguez Group 9	Dec-22 (Completed)	May-23	CW/SPW	\$239,878
686480	Ponce Group 7	Dec-22 (Completed)	May-23	CW/SPW	\$632,056
688627	Arecibo Group 9	Dec-22 (Completed)	May-23	CW/SPW	\$375,962

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
688774	Ponce Group 9	Dec-22 (Completed)	May-23	CW/SPW	\$541,815
688629	Mayaguez Group 13	Dec-22 (Completed)	May-23	CW/SPW	\$134,829
682373	Caguas Group 14	Dec-22 (Completed)	Jun-23	CW/SPW	\$77,605
682178	Arecibo Group 7	Dec-22 (Completed)	Jul-23	CW/SPW	\$262,290
689071	Arecibo Group 11	Dec-22 (Completed)	Jul-23	CW/SPW	\$77,036
682028	San Juan Group 8	Dec-22 (Completed)	Aug-23	CW/SPW	\$537,125
691246	San Juan Group 10	Dec-22 (Completed)	Aug-23	CW/SPW	\$245,340
688109	San Juan Group 11	Dec-22 (Completed)	Aug-23	CW/SPW	\$563,429
688198	Arecibo Group 10	Dec-22 (Completed)	Sept-23	CW/SPW	\$76,862
688096	Caguas Group 15	Dec-22 (Completed)	Sept-23	CW/SPW	\$27,239
682031	San Juan Group 9	Dec-22 (Completed)	Jan-24	CW/SPW	\$625,198

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
688630	Mayaguez Group 12	Dec-22 (Completed)	Jan-24	CW/SPW	\$52,719
701679	San Juan Group 12	Dec-22 (Completed)	Jan-24	CW/SPW	\$80,652
701545	Ponce Group 11	Dec-22 (Completed)	May-23	CW/SPW	\$616,229
701552	Ponce Group 12	Jan-23 (Completed)	Apr-23	CW/SPW	\$238,162
701495	Mayaguez Group 14	Jan-23 (Completed)	Apr-23	CW/SPW	\$25,679
701555	Ponce Group 13	Jan-23 (Completed)	Jun-23	CW/SPW	\$649,427
701504	Arecibo Group 12	Jan-23 (Completed)	Jun-23	CW/SPW	\$188,223
704916	Arecibo Group 13-16	Mar-23 (Completed)	May-23	CW/SPW	\$409,298
704844	Caguas Groups 16-20	Mar-23 (Completed)	Jun-23	CW/SPW	\$409,298

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
704750	Bayamon Group 10	Mar-23 (Completed)	Jul-23	CW/SPW	\$524,392
704751	Bayamon Group 11	Mar-23 (Completed)	Jul-23	CW/SPW	\$435,167
704755	Bayamon Groups 12 14	Mar-23 (Completed)	Nov-23	CW/SPW	\$607,843
705527	San Juan Groups 17-21	Mar-23 (Completed)	Jan-24	CW/SPW	\$767,854
705503	Mayaguez Groups 15-19	Apr-23 (Completed)	May-23	CW/SPW	Pending Obligation
705584	Ponce Groups 14-15	Apr-23 (Completed)	Nov-23	CW/SPW	\$1,842,979
704933	San Juan Groups 13-16	Apr-23 (Completed)	Jan-24	CW/SPW	\$1,426,151
708579	Ponce Groups 16-19	Apr-23 (Completed)	Nov-23	CW/SPW	\$2,154,007
710094	Bayamon Group 1 - Phase 2	Aug-23 (Completed)	Jan-24	CW/SPW	Pending Obligation
710110	Bayamon Group 2 - Phase 2	Aug-23 (Completed)	Jan-24	CW/SPW	\$87,775

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
710099	Arecibo Group 1 (Phase II)	Sep-23 (Completed)	May-24	CW/SPW	Pending Obligation
711888	Caguas Group 1 (Phase II)	Sep-23 (Completed)	June-24	CW/SPW	Pending Obligation
712968	Arecibo Group 2 (Phase II)	Oct-23 (Completed)	May-24	CW/SPW	Pending Obligation
711856	Bayamon Group 3 (Phase II)	Nov-23 (Completed)	Jun-24	CW/SPW	Pending Obligation
738672	Mayaguez Group 1 (Phase II)	Nov-23 (Complete)	Jun-24	CW/SPW	Pending Obligation
738143	San Juan Group 2 (Phase II)	Dec-23	May-24	CW/SPW	Pending Obligation
738670	Ponce Group 1 (Phase II)	Dec-23	May-24	CW/SPW	Pending obligation
737825	San Juan Group 1 (Phase II)	Dec-23	May-24	CW/SPW	Pending obligation
738971	Caguas Group 2 (Phase II)	Jan-24	Aug-24	CW/SPW	Pending obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAASt Number Pending	Carolina Group 2 – Phase 2	Feb-24	Sept-24	CW/SPW	Pending obligation
738674	Mayaguez Group 2 – Phase 2	Mar-24	Oct-24	CW/SPW	Pending obligation
738667	Ponce Group 2 - Phase 2	Mar-24	Oct-24	CW/SPW	Pending obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Estimate*	Self-Performed Work	Obligated \$*
542690	Maunabo Streetlighting	Feb-22 (Completed)	Jun-22	MCW	\$6,443,757
542688	Aguada Streetlighting	Mar-22 (Completed)	Jun-22	MCW	\$18,571,716
542517	Luquillo Streetlighting	Mar-22 (Completed)	Jun-22	MCW	\$8,810,325
542687	Lajas Streetlighting	Mar-22 (Completed)	Jul-22	MCW	\$10,704,669
542756	Guánica Streetlighting	Mar-22 (Completed)	Aug-22	MCW	\$10,058,046
660239	Villalba Streetlighting	Jul-22 (Completed)	Oct-22	MCW	\$10,872,402
660437	Manati Streetlight	Jul-22 (Completed)	Nov-22	MCW	\$28,636,829
659796815	Aibonito Streetlighting	Jul-22 (Completed)	Nov-22	MCW	\$7,253,285
659623	Cataño Streetlighting	Jul-22 (Completed)	Nov-22	MCW	\$17,562,047
660227	Hatillo Streetlighting	Aug-22 (Completed)	Nov-22	MCW	\$24,370,617
659625	Dorado Streetlighting	Aug-22 (Completed)	Nov-22	MCW	\$20,334,483
673504	Gurabo Streetlighting	Feb-23 (Completed)	Mar-23	MCW	\$20,742,294

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Estimate*	Self-Performed Work	Obligated \$*
698424	Florida Streetlighting	Mar-23 (Completed)	Apr-23	MCW	\$10,309,032
691702	Trujillo Alto Streetlighting	Mar-23 (Completed)	Apr-23	MCW	\$26,286,925
690545	Aguadilla Streetlighting	Mar-23 (Completed)	May-23	MCW	\$21,092,584
679039	Caguas Streetlighting	Mar-23 (Completed)	May-23	MCW	\$75,586,569
659968	San Germán Streetlighting	Mar-23 (Completed)	May-23	MCW	\$34,882,926
698439	Las Marías Streetlighting	Jun-23 (Completed)	May-23	MCW	\$8,360,922
698458	Guaynabo Streetlighting	Jun-23 (Completed)	Jun-23	MCW	\$10,615,811
698427	Maricao Streetlighting	Jun-23 (Completed)	Jun-23	MCW	Pending Obligation
678795	Arecibo Streetlighting	Jun-23 (Completed)	Jun-23	MCW	Pending Obligation
678793	Mayagüez Streetlighting	Jun-23 (Completed)	Jun-23	MCW	\$12,371,384

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Estimate*	Self-Performed Work	Obligated \$*
671400	Barceloneta Streetlighting	Jun-23 (Completed)	Jun-23	MCW	Pending Obligation
671502	Yabucoa Streetlighting	Jun-23 (Completed)	Jul-23	MCW	Pending Obligation
698432	Hormigueros Streetlighting	Jun-23 (Completed)	Aug-23	MCW	Pending Obligation
690721	Guayama Streetlighting	Jun-23 (Completed)	Sep-23	MCW	Pending Obligation
678794	Ponce Streetlighting	Jun-23 (Completed)	Sep-23	MCW	Pending Obligation
671396	Utua Streetlighting	Jun-23 (Completed)	Sep-23	MCW	Pending Obligation
678789	Carolina Streetlighting	Jun-23 (Completed)	Oct-23	MCW	\$16,024,560
666894	San Juan Streetlighting	Jun-23 (Completed)	Nov-23	MCW	Pending Obligation
704679	Coamo Streetlighting	Jun-23 (Completed)	Nov-23	MCW	\$16,372,824
693788	Toa Alta Streetlighting	Aug-23 (Completed)	Sep-23	MCW	Pending Obligation
698570	Corozal Streetlighting	Aug-23 (Completed)	Sep-23	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Estimate*	Self-Performed Work	Obligated \$*
690483	Cayey Streetlighting	Aug-23 (Completed)	Sep-23	MCW	Pending Obligation
699814	Juana Diaz Streetlighting	Sept-23 (Completed)	Oct-23	MCW	Pending Obligation
701473	Canovanas Streetlighting	Sept-23 (Completed)	Nov-23	MCW	Pending Obligation
690480	Humacao Streetlighting	Sept-23 (Completed)	Nov-23	MCW	Pending Obligation
693543	Juncos Streetlighting	Oct-23 (Completed)	Nov-23	MCW	Pending Obligation
693615	Rio Grande Streetlighting	Sept-23 (Completed)	Nov-23	MCW	Pending Obligation
686482	Isabela Streetlighting	Sept-23 (Completed)	Nov-23	MCW	Pending Obligation
698522	Vieques Streetlighting	Sept-23 (Completed)	Feb-24	MCW	Pending Obligation
679780	Bayamon Streetlighting	Oct-23 (Completed)	Nov-23	MCW	\$21,886,903

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Estimate*	Self-Performed Work	Obligated \$*
703535	Toa Baja Streetlighting	Oct-23 (Completed)	Jan-24	MCW	Pending Obligation
704744	San Sebastian Streetlighting	Oct-23 (Completed)	Dec-23	MCW	Pending Obligation
704931	Camuy Streetlighting	Oct-23 (Completed)	Dec-23	MCW	Pending Obligation
714641	Rincón Streetlighting	Oct-23 (Completed)	May-24	MCW	Pending Obligation
704929	San Lorenzo Streetlighting	Dec-23	Mar-24	MCW	Pending Obligation
697183	Vega Baja Streetlighting	Dec-23	Mar-24	MCW	Pending Obligation
704757	Santa Isabel Streetlighting	Dec-23 (Completed)	May-24	MCW	Pending Obligation
704938	Las Piedras Streetlighting	Dec-23	May-24	MCW	Pending Obligation
698579	Orocovis Streetlighting	Dec-23	Jun-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Estimate*	Self-Performed Work	Obligated \$*
698511	Culebra Streetlighting	Dec-23	May-24	MCW	Pending Obligation
709631	Morovis Streetlighting	Dec-23	May-24	MCW	Pending Obligation
704943	Naranjito Streetlighting	Dec-23	May-24	MCW	Pending Obligation
704868	Ceiba Streetlighting	Dec-23	May-24	MCW	Pending Obligation
713795	Lares Streetlighting	Dec-23	Jun-24	MCW	Pending Obligation
724703	Arroyo Streetlighting	Dec-23	Jun-24	MCW	Pending Obligation
704849	Naguabo Streetlighting	Dec-23	Jul-24	MCW	Pending Obligation
724828	Loiza Streetlighting	Jan-24	Jan-24	MCW	Pending Obligation
704927	Añasco Streetlighting	Jan-24	Feb-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Estimate*	Self-Performed Work	Obligated \$*
724603	Cabo Rojo Streetlighting	Jan-24	Feb-24	MCW	Pending Obligation
704793	Yauco Streetlight	Jan-24	Mar-24	MCW	Pending Obligation
724938	Vega Alta Streetlighting	Jan-24	Apr-24	MCW	Pending Obligation
704921	Barranquitas Streetlighting	Jan-24	Apr-24	MCW	Pending Obligation
704741	Moca Streetlight	Feb-24	Mar-24	MCW	Pending Obligation
724781	Penuelas Streetlighting	Feb-24	Mar-24	MCW	Pending Obligation
704862	Fajardo Streetlighting	Feb-24	May-24	MCW	Pending Obligation
724599	Sabana Grande Streetlighting	Feb-24	Jun-24	MCW	Pending Obligation
724601	Salinas Streetlighting	Feb-24	Jun-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Estimate*	Self-Performed Work	Obligated \$*
724825	Cidra Streetlighting	Feb-24	Jul-24	MCW	Pending Obligation
724605	Guayanilla Streetlighting	Mar-24	May-24	MCW	Pending Obligation
724941	Aguas Buenas Streetlighting	Mar-24	May-24	MCW	Pending Obligation
724600	Jayuya Streetlighting	Mar-24	Jun-24	MCW	Pending Obligation
724669	Ciales Streetlighting	Mar-24	Jun-24	MCW	Pending Obligation
724716	Quebradillas Streetlighting	Mar-24	Jul-24	MCW	Pending Obligation
724670	Patillas Streetlighting	Mar-24	Jul-24	MCW	Pending Obligation
724698	Adjuntas Streetlighting	Mar-24	Jul-24	MCW	Pending Obligation
701472	Comerio Streetlighting	Mar-24	Sep-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

IT & Telecom

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Estimate*	Self-Performed Work	Obligated \$*
551925	SCADA Remote Access and RTU Replacements (Group 1)	Jul-22 (Completed)	Apr-24	MCW	Pending Obligation
657300	Energy Management System (Phase I)	Aug-22 (Completed)	Aug-23	CW/SPW	\$48,941,484
675345	IT OT Technology Systems Repairs	Apr-23 (Completed)	Dec-24	MCW	Pending Obligation
662238	Microwave PTP Backbone	May-23 (Completed)	May-25	MCW	Pending Obligation
714654	Advanced Metering Infrastructure (AMI)	Jul-23 (Completed)	Jun-24	MCW	\$873,848,901
551963	Transport Network	Jul-23 (Completed)	Sep-24	MCW	Pending Obligation
551926	SCADA Remote Access and RTU Replacements (Group 2)	Sep-23 (Completed)	Apr-25	MSPW	Pending Obligation
668665	Cybersecurity Program Implementation	Oct-23 (Completed)	Dec-24	MCW	Pending Obligation
551927	SCADA Remote Access and RTU Replacements (Group 3)	Jan-24	Jul-24	MSPW	Pending Obligation
673292	Telecom Infrastructure Cerro Puntas	Mar-24	Oct-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Buildings and Systems

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
657300	Energy Management System (Phase II Primary Control Center - PCC)	Jun-22 (Completed)	Dec-24	MCW	\$164,579,862
679006	Test and Technology Laboratory (Equipment)	Nov-22 (Completed)	Apr-24	MCW	Pending Obligation
551247	Palo Seco South Building Repairs	Mar-24	Sep-25	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Vegetation

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
723883	Island Wide Vegetation Clearing: Region 1 San Juan Group A	Jun-23 (Completed)	Feb-24	MCW	Pending Obligation
727572	Island Wide Vegetation Clearing: Region 3 - Bayamon Group A	Jul-23 (Completed)	Apr-24	MCW	Pending Obligation
727692	Island Wide Vegetation Clearing: Region 4 - Caguas Group A	Jul-23 (Completed)	Apr-24	MCW	Pending Obligation
728827	Island Wide Vegetation Clearing: Region 2 - Arecibo Group A	Jul-23 (Completed)	May-24	MCW	Pending Obligation
727691	Island Wide Vegetation Clearing: Region 1 – San Juan Group C	Jul-23 (Completed)	May-25	MCW	Pending Obligation
727540	Island Wide Vegetation Clearing: Region 2 - Arecibo Group C	Jul-23 (Completed)	May-25	MCW	Pending Obligation
727608	Island Wide Vegetation Clearing: Region 1 San Juan Transmission – 115 kV	Jul-23 (Completed)	Jul-26	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount

Vegetation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
727522	Island Wide Vegetation Clearing: Region 3 - Bayamon Distribution – 115kV	Jul-23 (Completed)	Jul-26	MCW	Pending Obligation
727558	Island Wide Vegetation Clearing: Region 3 - Bayamon Group C	Jul-23 (Completed)	May-25	MCW	Pending Obligation
727562	Island Wide Vegetation Clearing: Region 5 - Mayaguez Group C	Jul-23 (Completed)	May-25	MCW	Pending Obligation
727694	Island Wide Vegetation Clearing: Region 4 0 Caguas Group C	Jul-23 (Completed)	May-25	MCW	Pending Obligation
727530	Island Wide Vegetation Clearing: Region 6 - Ponce Group C	Jul-23 (Completed)	May-25	MCW	Pending Obligation
728832	Island Wide Vegetation Clearing: Region 5 Mayaguez Group A	Jul-23 (Completed)	Jun-24	MCW	Pending Obligation
727531	Island Wide Vegetation Clearing: Region 6 - Ponce Group A	Jul-23 (Completed)	Jun-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Vegetation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
727606	Island Wide Vegetation Clearing: Region 4 - Caguas - 115 kV	Jul-23 (Completed)	Jul-26	MCW	Pending Obligation
727659	Island Wide Vegetation Clearing: Region 2 - Arecibo Transmission – 115 kV	Jul-23 (Completed)	Jul-26	MCW	Pending Obligation
727657	Island Wide Vegetation Clearing: Region 5 - Mayaguez Transmission - 115 kV	Jul-23 (Completed)	Jul-26	MCW	Pending Obligation
727529	Island Wide Vegetation Clearing: Region - 6 Ponce Transmission – 115 kV	Jul-23 (Completed)	Jul-26	MCW	Pending Obligation
740406	Island Wide Vegetation Clearing: Region 1 - San Juan Group B	Nov-23 (Completed)	Mar-24	MCW	Pending Obligation
740708	Island Wide Vegetation Clearing: Region 3 - Bayamon Group B	Nov-23 (Completed)	Apr-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Vegetation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
740409	Island Wide Vegetation Clearing: Region 4 - Caguas Group B	Dec-23 (Completed)	Apr-24	MCW	Pending Obligation
740410	Island Wide Vegetation Clearing: Region 2 - Arecibo Group B	Dec-23 (Completed)	May-24	MCW	Pending Obligation
740411	Island Wide Vegetation Clearing: Region 5 - Mayaguez Group B	Dec-23 (Completed)	Jun-24	MCW	Pending Obligation
740414	Island Wide Vegetation Clearing: Region 6 - Ponce Group B	Dec-23 (Completed)	Jun-24	MCW	Pending Obligation
FAASt number pending	Island Wide Vegetation Clearing: All Regions Transmission - 230 kV	Dec-23 (Completed)	Jul-26	MCW	Pending Obligation
FAASt number pending	Island Wide Vegetation Clearing: Region 1 San Juan Substations & Telecommunications Sites	Dec-23 (Completed)	Aug-26	MCW	Pending Obligation
FAASt number pending	Island Wide Vegetation Clearing: Region 2 Arecibo Substations & Telecommunications Sites	Dec-23 (Completed)	Aug-26	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Vegetation (continued)

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAAST number pending	Island Wide Vegetation Clearing: Region 3 Bayamon Substations & Telecommunications Sites	Dec-23 (Completed)	Aug-26	MCW	Pending Obligation
FAAST number pending	Island Wide Vegetation Clearing: Region 4 Caguas Substations & Telecommunications Sites	Dec-23 (Completed)	Aug-26	MCW	Pending Obligation
FAAST number pending	Island Wide Vegetation Clearing: Region 5 Mayaguez Substations & Telecommunications Sites	Dec-23 (Completed)	Aug-26	MCW	Pending Obligation
FAAST number pending	Island Wide Vegetation Clearing: Region 6 Ponce Substations & Telecommunications Sites	Dec-23 (Completed)	Aug-26	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Modernization

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$*
FAAST number pending	Vieques & Culebra Microgrid	Jan-24	Nov-24	MCW	Pending Obligation
738671	100 MW Battery	Mar-24	Oct-24	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

IV. Self-Performing Work

LUMA will continue to execute self-performing work in the following categories:

- Pole/conductor replacements
- Structure replacements
- Hardware/insulator replacements
- Streetlights
- Substation, feeder, and line minor repairs
- Communication network and grid automation
- Equipment replacements
- Civil and low-voltage work to support projects

We will continue to refine this section in collaboration with P3A as we move forward.



FEMA



~~90-Day Plan~~

~~September 2023~~





FEMA



90-Day Plan

December 2023



December 2023

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I. Introduction

In accordance with the directive received from FEMA to produce a 90-Day Plan, this document captures an overview of the key next steps and progress made on FEMA-funded projects for the Puerto Rico electric transmission and distribution grid.

On June 1, 2021, LUMA assumed overall responsibilities for the Puerto Rico Electric Power Authority's (PREPA) Transmission and Distribution (T&D) System as outlined within the Operations and Maintenance Agreement (OMA) between PREPA, P3A, and LUMA. Upon commencement of the Service Period, PREPA refocused its efforts on projects in the Generation and Dams, Hydro, and Irrigation asset categories; while projects in the Transmission, Distribution, Substations, IT/Telecom, Buildings, and other categories (T&D Projects) were transitioned to and are now the responsibility of LUMA.

This 90-Day Plan provides information on various focus areas for LUMA.

II. Overview of Focus Areas for the Next 90 Days

The content below summarizes next steps across the following five areas:

1. PREPA-LUMA Coordination and Alignment
2. Federal Grant Management
3. Funding and Reporting
4. Environmental and Historic Preservation
5. Engineering Management

1. PREPA-LUMA Coordination and Alignment

PREPA and LUMA goals for the next 90 days:

- PREPA and LUMA leadership will participate in regular weekly meetings with the Central Office for Recovery, Reconstruction, and Resiliency (COR3) ~~&~~, FEMA, and Genera, to ensure visibility ~~of progress~~ of project progress, the coordination and understanding of common matters, and to identify and resolve risks that involve points of integration between the ~~two~~ entities.
- LUMA will continue to coordinate with PREPA and Genera to support successful operations under the T&D OMA.
- LUMA and PREPA will continue to collaborate on the Vieques and Culebra Microgrid Project. LUMA ~~is assuming~~ has assumed project lead responsibilities and coordinating the project hand-offs for design,

construction, and post-production phases for the appropriate operational jurisdictions. LUMA is engaged with COR3 and P3A to identify and collaborate on project construction and operational jurisdiction challenges related to the O&M Agreement between LUMA and PREPA.

- ~~LUMA continues to collaborate directly with PREPA and Genera at the leadership, working group, and project levels as Genera assumes their role as Generation Operator. This transition will evolve over the next 90 days.~~

2. Federal Grant Management

LUMA goals for the next 90 days:

- ~~LUMA will continue working with COR3 and FEMA and COR3 to obtain project obligations for the 106142 detailed statements scopes of work (DSOWs) submitted to date that have been submitted but are not yet to be obligated.~~
- ~~LUMA will continue advancing work on Section 428 secure obligation for critical projects with, including engineering, procurement, and construction (EPC) projects, and the goal of finalizing Vegetation Clearing Project.~~
- ~~LUMA will develop and submit 52 DSOWs for submission to COR3 and FEMA. This effort includes Sections 404 and 406 of the Hazard Mitigation Grant Program (HMGP) and Environmental and Historic Preservation (EHP) work. LUMA expects to submit grid automation to align with an execution strategy.~~
- ~~LUMA will seek obligation for additional long-lead materials.~~
- ~~During DSOWs within the next last 90-day period as per target schedule below, LUMA completed the following:~~
 - ~~LUMA will continue refining Section 406 Hazard Mitigation Grant Program strategies for all asset classes including distribution, transmission, substation, and IT/OT. LUMA will continue to conduct discussions with COR3 and FEMA for feedback and alignment.~~
 - ~~LUMA will continue providing the reconciliation costs to support submissions for project formulation.~~

~~During the last 90-day period, LUMA completed the following:~~

- ~~Submitted 71~~ LUMA submitted 43 DSOWs to FEMA for approval, representing \$4.61.2 billion in capital investments.

- ~~Received an amended obligation for an additional \$600 million to support Architecture and Engineering (A&E) resources.~~
- ~~Obtained FEMA authorization and project obligations on six DSOWs representing \$99.6 million in capital investments.~~
- LUMA aligned on approach to scope changes of one-year hazard mitigation activities. Awaiting letter and guidance on path forward from COR3 and FEMA.

3. Funding and Reporting

LUMA goals for the next 90 days:

- ~~LUMA will continue expects~~ to track project actual costs in accordance with FEMA, HUD, and COR3 standards to support financial reporting requirements for federally funded projects.
- ~~LUMA will continue executing self-performing work (see section IV in this plan). submit \$40~~

During the last 90-day period, LUMA completed the following:

- ~~LUMA submitted \$81 million in requests for reimbursements (RFRs) to COR3 to date. Another \$26 million is expected to be submitted during the next 90-day period quarter.~~
- LUMA ~~continued the~~will continue implementation of a time reporting and technology project to automate request for reimbursement (RFR) process related to federally funded projects. The goal is to accelerate submissions to COR3 while ensuring federal compliance.
- ~~LUMA incorporated additional best practices from RFRs submitted to date. They have aided in prioritizing projects, optimizing preparation time, and improving the overall quality of documentation for RFR submissions moving forward. Best practices include task standardization for A&E and Category Z, data integrity validity automation, metrics for requests for information, and RFI mitigating measures.~~
- ~~LUMA engaged with our grid recovery partners on additional federal funding opportunities to include:~~
 - ~~U.S. Department of Energy electrical system improvement grants~~
 - ~~Puerto Rico Department of Housing's Community Development Block Grant — Disaster Recovery (PRDOH CDBG-DR) Program for hazard mitigation via the U.S. Department of Housing and Urban Development (HUD)~~
- LUMA will continue to redesign processes to provide the necessary tools to determine the federal funding eligibility.

During the last 90-day period, LUMA completed the following:

- LUMA has submitted \$129 million in requests for reimbursements RFRs to date. Another \$14 million is expected to be submitted by the end of December 2023.
- LUMA submitted the Q1 FY2024 Federal Funding Report to the PREB highlighting LUMA's progress in executing activities related to federally funded T&D projects.

Key milestones during the first quarter included:

- Seventeen FEMA-obligated T&D projects started construction.
- Sixty-seven DSOWs submitted to COR3 and FEMA, including EPC projects to deploy critical new substations.
- Forty initial scopes of work (ISOWs) were submitted to FEMA for FAASt numbers.
- Forty-one T&D projects received FEMA FAASt numbers, including grid automation and vegetation clearing projects.

4. Environmental and Historic Preservation

LUMA goals for the next 90 days:

- LUMA will work with FEMA and COR3 to establish a programmatic approach to boring plan access road reviews and environmental compliance.
- LUMA will work with FEMA and COR3 on the phase 1 and levels 1 and 2 archeological review requirements and align with project scopes and areas of potential effect (APE).
- LUMA will continue with ~~biweekly~~ FEMA/EHP meetings and consultations to support project development and execution.
- LUMA will ~~outline an~~continue environmental ~~compliance strategy~~field inspections on construction projects with FEMA-approved DSOWs. The inspections include assessment of:
 - Adherence to requirements for ~~equipment use,~~ vegetation ~~clearance~~clearing, waste handling and other activities
 - Employee training in accordance with the U.S. Fish and Wildlife Service. ~~environmental awareness~~
 - Measures being taken to protect endangered and protected species
 - Ground disturbance management practices
 - Compliance with archeological and/or historic site considerations

- Proper execution of work near bodies of water (buffer zones and/or permits)
- Waste management (e.g., staging, segregation, transportation) as well as the final facility (landfill, recycling, or reuse)
- LUMA will review the compliance inspection forms and provide training to employees and contractor to ensure environmental compliance.
- LUMA will continue archaeological desktop reviews with external contractors towards the development of DSOWs.
- LUMA will continue with the development of process for work in areas that require managing lead-containing materials.
- LUMA will review the following health, safety, and environmental policies: asbestos (0724); spill response (0310); waste management (0315); and acquisition and divestiture environmental requirements for alignment with EHP process (0330)._____

During the last 90-day period, LUMA completed the following:

- ~~LUMA will continue with the development of process for work in areas that require managing lead-containing materials.~~
- LUMA will outline EHP team completed an internal environmental compliance strategy for assessment for vegetation clearance. This activity supported the identification of environmentally sensitive and nonsensitive areas toward developing vegetation DSOW development, obligation, and priority project execution.
- LUMA, COR3, and FEMA continue to develop effective EHP processes for environmental compliance in regard to project development, formulation and obligation for engineering, procurement, and construction (EPC) projects.
- ~~To the extent possible, LUMA will expedite the process~~continue to engage with the Instituto de Cultura Puertorriqueña (ICP) to complete expedite the required archaeological studies for transmission lines all projects. Continued coordination between LUMA and ICP takes place on a project-by-project basis for the phase 1 archeological reviews.
- ~~LUMA will complete~~completed the installation of containers to store used transformers in the technical offices of Bayamon, Guayama, Caguas, and Aguadilla in compliance with the Clean Water Act (CWA) and the spill prevention program. _____
- ~~LUMA will begin the underground injection control compliance plan with Capital Programs and substations.~~

~~During the last 90 day period, LUMA completed the following:~~

- ~~• LUMA continued to review initial FEMA Record of Environmental Considerations (RECs) for approved projects for integration into project scopes.~~
- ~~• LUMA continued to support preconstruction and construction inspection visits, along with implementing mitigation measures required by FEMA EHP and other agencies to meet environmental conditions. We also provided supporting documents for a class three estimate.~~
- ~~• LUMA continued notifying and requesting endorsements from government agencies for projects obligated by FEMA.~~
- ~~• LUMA developed a template for underground injection control system closures.~~
- ~~• LUMA implemented the first phase of the corporate recycling program.~~
- ~~• LUMA reviewed these health, safety, and environmental policies: vegetation management (0320); wildlife, avian, and historical resources protection (0335); working near waterbodies (0325); and stormwater and erosion control (0340).~~

5. Engineering Management

LUMA goals for next 90 days:

- ~~• LUMA will continue preliminary engineering design work with existing A&E firms towards the development of DSOWs.~~
- ~~• LUMA will continue engineering and construction on all projects with FEMA-approved DSOWs.~~
- ~~• LUMA will submit DSOWs for critical projects including vegetation clearing, transmission lines, and LUMA will complete an additional six distribution feeder rebuild projects.~~
- ~~• We will award contract(s) under planning studies RFP for engineering studies including area planning, distribution automation, distribution evaluations and studies, substation analysis and others.~~
- ~~• LUMA will continue to evaluate and prioritize existing FEMA projects against the needs and constraints of the electrical system and available contractor capacities to optimize the execution strategies.~~
- ~~• LUMA will continue work on the area plan analysis plans to identify rebuild priorities and mitigation solutions for contingency issues and provide backup analysis to determine sectionalization and segmentation needs (e.g., installation of distribution grid automation) to enhance reliability.~~

- LUMA will submit ISOWs for an additional 22 transmission line rebuild projects and commence the A&E assignment of those projects.
- LUMA will continue to make progress on the 38 kV transmission lines area plans to improve transmission reliability. The work includes mitigation for N-1 contingency violations, activation of a segmentation and sectionalization strategy, and ensuring that customers will have load transfer capability. This work will continue during the next 90 days but will not be completed during that period.
- LUMA is ~~working~~continuing work on improving system models and performing distribution feeder verification ensuring that computer-based models match the physical condition of the grid. This will ensure proper analysis can be performed based on accurate to support the area planning effort, grid automation device placements, feeder solar PV hosting capacity, and distribution feeder rebuilds.
 - Additionally, LUMA is performing distribution feeder verification in the field to refine the mapping data. The ~~models~~data collected will include, but are not limited to, conductor sizes, transformer sizes, checking for connectivity, locating missing meters, tie points, ~~distribution~~grid automation devices, regulators, and capacitor banks.
- ~~LUMA is reviewing the 38 kV transmission lines and performing area plans to improve reliability. The work includes mitigation for N-1 contingency violations and ensuring that customers will have load transfer capability. This work will occur during the next 90 days but will not be completed during that period.~~LUMA will continue engineering on all projects with FEMA-approved DSOWs.
- LUMA will submit DSOWs for critical projects including transmission lines and distribution projects.
- LUMA will award contract(s) under A&E RFP for engineering studies.

During the last 90-day period, LUMA completed the following:

- LUMA completed the planning technical studies and functional specifications on ~~five~~22 transmission lines ~~and four substations~~ for long-term transmission reliability solutions.
- LUMA conducted preliminary engineering, including system planning review, standards review, and the development of preliminary design packages and class 3 estimates, to support the submission of ~~7143~~7143 DSOWs to FEMA for approval, representing \$~~4.6~~1.2 billion ~~dollars of work~~in capital investments.

- LUMA continued preliminary engineering design work with existing A&E firms towards the development of DSOWs.
- LUMA continued engineering on all projects with FEMA-approved DSOWs.
- LUMA submitted DSOWs for critical projects including vegetation clearing, transmission lines, and distribution feeder rebuild projects.

III. LUMA Estimated Schedule for DSOW Submission

Over the next 90 days, LUMA will be focused on preparing DSOWs and cost estimates for T&D projects. The tables below show the existing set of projects, by asset category, along with the estimated timing for DSOWs submittals to COR3 and FEMA.

The estimation of project submission timing noted below is based on the best information available to LUMA at the time of this plan update. LUMA is focused on meeting or exceeding the project submission estimates listed in the table below.

Note: Self-performed work includes work performed by Luma internal labor and Quanta contractors. Self-performed work is designated as contracted work (CW), mostly contracted work (MCW), or mostly self-performed work (MSPW).

- **Mostly contracted work (MCW)** = more than 65% of the work is procured/contracted (excluding management and oversight).
- **Mostly self-performed work (MSPW)** = more than 65% of the work is performed by LUMA (excluding management and oversight).
- **A mixture of contracted work and LUMA self-performed work (CW/SPW)** = between 50/50% and 65/35% (excluding management and oversight).

Substations

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Date*	Self-Performed Work	Obligated \$\$*
165225	Vieques (Phase II)	Feb-23 (Completed)	Dec-24	MCW	Pending Obligation
165209	Culebra (Phase II)	Feb-23 (Completed)	Dec-24	-MCW	Pending Obligation
682834	Costa Sur TC (Phases II and III)	Mar-23 (Completed)	Dec-24	-MCW	Pending Obligation
169276	Viaducto TC 1100	Mar-23 (Completed)	Apr-24	-MCW	Pending Obligation
174422 723077	Sabana Llana TCFAAS - Catano-Rebuild 1801(Substation)	Oct-21 May-23 (Completed)	Dec-24 Nov-22	-CW/SPW	Pending Obligation \$23,255,049
682121	Aguirre TC (Phase II)	May-23 (Completed)	Dec-24	-MCW	Pending Obligation
723002	Jobos TC	May-23 (Completed)	Dec-24	-MCW	Pending Obligation
723078	San Juan SP TC	May-23 (Completed)	Dec-24	-MCW	Pending Obligation

550950	Monacillos	May-23 (Completed)	Dec-24	-MCW	Pending Obligation
550910660422	FAAST [Physical Security - Group 41] (Substation)	Apr-22Jun-23 (Completed)	May-23Jun-24	MCW	Pending Obligation \$6,691,229
549715	Substation Minor Repairs (Group-D)	Jun-23 (Completed)	Sep-24	-MCW	Pending Obligation
668669540725	Mayaguez TC Substation Minor Repairs (Group-E)	Jun-23 Apr-22 (Completed)	Aug-2425	-MCW	Pending Obligation
169266684920	Substations HVFAAST Centro Medico 1327/1359 Equipment Repair & Replacement (Group-1Substation)	Jun-23 May-22 (Completed)	Apr-2325	MSPWMCW	Pending Obligation \$21,332,361
550980	Parques y Recreos	Jun-23 (Completed)	Jan-25	-MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Substations (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>165268</u>	<u>FAASt Rio Grande Estate Substation CH-2306 (Substation)</u>	<u>May-22 (Completed)</u>	<u>Nov-23</u>	<u>MSPW</u>	<u>\$11,683,615</u>
<u>178258</u>	<u>Taft MC 1105</u>	<u>May-22 (Completed)</u>	<u>Oct-25</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>169495</u>	<u>FAASt [Substations - Tapia GIS Rebuilt Equipment Repair & Replacement] (Substations)</u>	<u>May-22 (Completed)</u>	<u>Oct-24</u>	<u>MCW</u>	<u>\$15,339,932</u>
<u>179558</u>	<u>FAASt - Manatí TC - BRKS 230 kV - (Substation)</u>	<u>May-22 (Completed)</u>	<u>Nov-22</u>	<u>MSPW</u>	<u>\$1,593,443</u>
<u>169896</u>	<u>FAASt - Costa Sur SP TC – Equipment Repair and Replacement (Substation)</u>	<u>Jun-22 (Completed)</u>	<u>May-24</u>	<u>MSPW</u>	<u>\$23,251,835</u>
<u>546371</u>	<u>FAASt- Substation Minor Repairs Group C (Substation)</u>	<u>Jun-22 (Completed)</u>	<u>Jul-24</u>	<u>MCW</u>	<u>\$3,032,891</u>
<u>169500</u>	<u>FAASt [Bayamon TC – MC-BKRS-Y1] (Substation)</u>	<u>Jul-22 (Completed)</u>	<u>Sep-24</u>	<u>MSPW</u>	<u>\$6,372,063</u>
<u>542758</u>	<u>FAASt Substation Minor Repairs -Group B (Substation)</u>	<u>Jul-22 (Completed)</u>	<u>Oct-23</u>	<u>MCW</u>	<u>\$3,412,576</u>
<u>178503</u>	<u>FAASt Aguirre TC - BKRS (Substations)</u>	<u>Oct-22 (Completed)</u>	<u>Jun-21</u>	<u>MSPW</u>	<u>\$39,034,592</u>
<u>549764</u>	<u>FAASt Physical Security - Group 2 (Substation)</u>	<u>Dec-22 (Completed)</u>	<u>Jul-25</u>	<u>MCW</u>	<u>\$2,383,693</u>
<u>551861</u>	<u>FAASt [Physical Security - Group 3] (Substation)</u>	<u>Dec-22 (Completed)</u>	<u>Oct-24</u>	<u>MCW</u>	<u>\$4,133,340</u>
<u>169276</u>	<u>Viaducto TC 1100</u>	<u>Mar-23 (Completed)</u>	<u>Apr-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>682834</u>	<u>Costa Sur-TC (Phases II and III)</u>	<u>Mar-23 (Completed)</u>	<u>Dec-24</u>	<u>MCW</u>	<u>Pending Obligation</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Substations (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$
547243	Egozcue	Jun-23 (Completed)	May-25	MCW	Pending Obligation
550099	Esc. Industrial Miguel Such-1423	Jun-23 (Completed)	Feb-25	MCW	Pending Obligation
547241	Tallabea-5402	Jun-23 (Completed)	Dec-25	MCW	Pending Obligation
551912	Puerto Nuevo Metalclad 1520	Jun-23 (Completed)	Sept-25	MCW	Pending Obligation
550986	Condado-1113	Jun-23 (Completed)	Mar-25	MCW	Pending Obligation
551918	Crematorio-1512	Jun-23 (Completed)	Dec-25	MCW	Pending Obligation
550106	Conquistador-CH	Jun-23 (Completed)	Mar-23	GW/SPW	Pending Obligation
550162	Berwind TC- Metalclad-1336	Sep-23	Jan-25	MCW	TBD
551260	Guaynabo Pueblo Rebuild	Sep-23	Jul-25	MCW	TBD
547344	Acacias TC Relocation	Sep-23	Jul-25	MCW	TBD
550894	Baldrich-1422	Sep-23	May-25	MCW	TBD
178577	Cachete-1526	Sep-23	Mar-25	MCW	TBD
551914	Caparra-1911 & 1924	Sep-23	Mar-26	MCW	TBD
547187	Arecibo Pueblo-8002 Relocation	Sep-23	Apr-25	MCW	TBD
547273	Charco Hondo-8008 Relocation	Sep-23	Feb-26	MCW	TBD

Substations (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> <u>Date</u>	Construction Start Date*	Self- Performed Work	Obligated \$\$ *
729286 <u>165209</u>	Substations HV Equipment Replacement Group 2 <u>Culebra 3801</u>	Sep-23 <u>Mar-22</u>	Nov-23 <u>May-24</u>	MSPW <u>MCW</u>	TBD <u>\$1,459,609</u>
550498 <u>165209</u>	Pampanos Relocation <u>New Culebra</u> Substation	Oct <u>May-23</u> (Completed)	May-26 <u>Apr-24</u>	MCW	Pending Obligation <u>TBD</u>
682645 <u>165225</u>	Vieques 2501 Substation Minor Repairs (Group F)	Oct-23 <u>Mar-22</u>	Apr <u>May-24</u>	MCW	TBD <u>\$1,387,420</u>
685869 <u>165225</u>	New Vieques Substation Minor Repairs (Group G)	Oct <u>May-23</u> (Completed)	Apr <u>Sep-24</u>	MCW	TBD Pending Obligation
TBD <u>550950</u>	Venezuela <u>Monacillos</u>	Oct <u>May-23</u> (Completed)	Dec-24 <u>Jun-23</u>	MCW <u>CW/SPW</u>	Pending Obligation TBD
684920 <u>682328</u>	Bayamon TC Substations HV Equipment Replacement (Group 1)	Oct <u>Jun-23</u> (Completed)	Nov-24 <u>Apr-23</u>	MSPW <u>MCW</u>	Pending Obligation TBD
660422 668669	Physical Security Group 4 <u>Mayaguez TC</u>	Nov <u>Jun-23</u> (Completed)	Aug-25 <u>Jun-24</u>	MCW	Pending Obligation TBD
549725 <u>TBD</u>	Substation Minor Repairs Substations HV Equipment Replacement (Group 3E)	Nov <u>Jun-23</u> (Completed)	Jan-25 <u>Aug-24</u>	MCW	Pending Obligation TBD
547247 <u>549715</u>	Gambalache TC Substation Minor Repairs (Group D)	Dec <u>Jun-23</u> (Completed)	Sep-25 <u>24</u>	MCW	Pending Obligation TBD
723077 <u>547343</u>	Victoria Sabana Llana TC	Dec <u>Jun-23</u> (Completed)	Dec-24 <u>Sept-25</u>	MCW <u>CW/SPW</u>	Pending Obligation TBD

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Substations (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>682121</u>	<u>Aguirre TC (Phase II)</u>	<u>Jun-23 (Completed)</u>	<u>Dec-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>723002</u>	<u>Jobos TC</u>	<u>Jun -23 (Completed)</u>	<u>Aug-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>723078</u>	<u>San Juan SP TC</u>	<u>Jun-23 (Completed)</u>	<u>Dec-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>550099</u>	<u>Esc. Industrial Miguel Such 1423</u>	<u>Jun-23 (Completed)</u>	<u>Feb-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>550986</u>	<u>Condado 1113</u>	<u>Jun-23 (Completed)</u>	<u>Jul-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>551912</u>	<u>Puerto Nuevo Metalclad 1520</u>	<u>Jun-23 (Completed)</u>	<u>Jul-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547241</u>	<u>Tallaboa 5402</u>	<u>Jun-23 (Completed)</u>	<u>Dec-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>551918</u>	<u>Crematorio 1512</u>	<u>Jun-23 (Completed)</u>	<u>Jul-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>550980</u>	<u>Parques y Recreos</u>	<u>Jun-23 (Completed)</u>	<u>Nov-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547243</u>	<u>Egozcue</u>	<u>Jun-23 (Completed)</u>	<u>Dec-25</u>	<u>MCW</u>	<u>Pending Obligation</u>

<u>550106</u>	<u>Conquistador - CH</u>	<u>Jun-23</u> <u>(Completed)</u>	<u>Apr-23</u>	<u>CW/SPW</u>	<u>Pending</u> <u>Obligation</u>
<u>729286</u>	<u>Substations HV</u> <u>Equipment Replacement</u> <u>Group 2</u>	<u>Sep-23</u> <u>(Completed)</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending</u> <u>Obligation</u>
<u>550894</u>	<u>Baldrich 1422</u>	<u>Sep-23</u> <u>(Completed)</u>	<u>Nov-25</u>	<u>MCW</u>	<u>Pending</u> <u>Obligation</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Substations (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>178577</u>	<u>Cachete 1526</u>	<u>Oct-23 (Completed)</u>	<u>Dec-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>550162</u>	<u>Berwind TC- Metalclad - 1336</u>	<u>Oct-23 (Completed)</u>	<u>Apr-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>551260</u>	<u>Guaynabo Pueblo Rebuild</u>	<u>Oct-23 (Completed)</u>	<u>Oct-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>682328</u>	<u>Bayamon TC</u>	<u>Nov-23 (Completed)</u>	<u>Nov-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547344</u>	<u>Acacias TC Relocation</u>	<u>Dec-23</u>	<u>Nov-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547343</u>	<u>Victoria TC</u>	<u>Dec-23</u>	<u>Sept-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>550498</u>	<u>Pampanos Relocation</u>	<u>Dec-23</u>	<u>Oct-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>FAASt Number Pending</u>	<u>Venezuela</u>	<u>Jan-24</u>	<u>Jun-23</u>	<u>CW/SPW</u>	<u>Pending Obligation</u>
<u>547187</u>	<u>Arecibo Pueblo 8002 Relocation</u>	<u>Jan-24</u>	<u>Dec-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>FAASt Number Pending</u>	<u>Substations HV Equipment Replacement (Group 3)</u>	<u>Mar-24</u>	<u>Dec-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547247</u>	<u>Cambalache TC</u>	<u>Mar-24</u>	<u>Jul-25</u>	<u>MCW</u>	<u>Pending Obligation</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Transmission

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> <u>Date</u>	Construction Start Date*	Self-Performed Work	Obligated <u>\$</u> <u>\$</u>
168226	San Juan 115kV Underground Transmission Loop	Mar-22 (Completed)	Oct-24	MCW	\$13,271,435.
334468	Transmission Priority Pole Replacements – Line 2200	Apr <u>May-22</u> (Completed)	Aug <u>Mar-23</u>	MSPW	\$1,460,279 <u>217,429</u>
168226 668592	San Juan 115kV Underground Transmission Priority Pole Replacement – Line 9800 Bayamón TC – Guaraguao Sect Loop	Jun <u>May-22</u> (Completed)	Dec-23 <u>Oct-24</u>	MCW	\$378,779.14 <u>746,040</u>
550896	Transmission Priority Pole Replacements – Line 6700	Jun-22 (Completed)	Jun <u>Feb-23</u>	MSPW	\$824,119 <u>690,703</u>
668583	Transmission Priority Pole Replacements – Line 13300	Jun-22 (Completed)	Oct <u>Nov-23</u>	MSPW	\$535,593 <u>453,597</u>
668592 681672	Transmission Priority Pole Replacements – 38kV Replacement – Line 2300 9800 Bayamón TC – Guaraguao Sect	Nov <u>Jun-22</u> (Completed)	Feb-24 <u>Oct-23</u>	MSPW	\$242,542 <u>420,866</u>
176971	8200 - San Juan SP - Cataño Sect	Jun-23 <u>Jul-22</u> (Completed)	Dec <u>May-24</u>	MCW	Pending Obligation
168483 180052	36400 - Dos Bocas - Ponce Existing 38kV Line 100, Line 200 Ponce TC to Jobos TC	Jun-23 <u>Aug-22</u> (Completed)	Sept-25 <u>Dec-24</u>	MCW	Pending Obligation
176913 180326	9500 - Palo Seco SP - Cantaño Sect Existing 115 kV – Line 36800 Palmer Fajardo o Sabana Llana	Jun-23 <u>Aug-22</u> (Completed)	Oct <u>Aug-24</u>	MCW	Pending Obligation
166904	37800 - Caguas – Monacillo	Jun-23 <u>Aug-22</u> (Completed)	Sep-24	MCW	Pending Obligation

<u>180326467443</u>	36200 - Monacillos - Juncos Existing 115 kV - Line 36800 Palmer Fajardo to Sabana Llana	<u>Jun-23</u> <u>Aug-22</u> (Completed)	<u>Oct-25</u> 24	MCW	Pending Obligation
<u>180052476943</u>	Existing 38kV - Line 100, Line 200 Ponce TC to Jobos TC 9500 Palo Soco SP Cantaño Sect	<u>Jun-23</u> <u>Aug-22</u> (Completed)	Aug <u>Sep-24</u>	MCW	Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Transmission (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>166860</u>	<u>37800 - Jobos - Caguas</u>	<u>Aug-22</u> (Completed)	<u>Oct-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>681672</u>	Transmission Priority Pole Replacements - 38kV Line 2300	<u>Sep-22</u> (Completed)	<u>May-24</u>	<u>MSPW</u>	<u>\$216,367</u>
<u>167168</u>	<u>37100 - Costa Sur - Acacias</u>	<u>Sep-22</u> (Completed)	<u>Jan-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>166707</u>	<u>51300 - Ponce - Costa Sur</u>	<u>Nov-22</u> (Completed)	<u>Oct-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>165213</u>	<u>Mainland 5400 - Rio Blanco HP - Daguao TC</u>	<u>Nov-22</u> (Completed)	<u>Jul-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>167508</u>	<u>50100 - Cambalache - Manati</u>	<u>Nov-22</u> (Completed)	<u>Jun-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>167446</u>	<u>36100 - Dos Bocas - Monacillos</u>	<u>Jun-23</u> (Completed)	<u>March-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>177191</u>	<u>39000 - Aguas Buenas - Caguas</u>	<u>Jun-23</u> (Completed)	<u>Dec-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547269</u>	<u>2800 - Aguadilla Hospital Distrito Sect to T-Bone TO</u>	<u>Jun-23</u> (Completed)	<u>Apr-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547259</u>	<u>2700 - Victoria TC to Quebradillas Sect</u>	<u>Jun-23</u> (Completed)	<u>Jun-25</u>	<u>MCW</u>	<u>Pending Obligation</u>



176954	1100 - Garzas 1 HP - Garzas 2 HP	Jun-23 (Completed)	Jul-25	MCW	Pending Obligation
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Transmission (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$
168483	36400 - Des Bocas - Ponce	Jun-23 (Completed)	Jun-24	MCW	Pending Obligation
166860	37800 - Jobos - Caguas	Jun-23 (Completed)	Oct-25	MCW	Pending Obligation
167168	37100 - Costa Sur - Acacias	Jun-23 (Completed)	Jan-25	MCW	Pending Obligation
177194	39000 - Aguas Buenas - Caguas	Jun-23 (Completed)	Dec-24	MCW	Pending Obligation
166213	Mainland 5400 - Rio Blanco HP - Daguao TC	Jun-23 (Completed)	Jul-25	MCW	Pending Obligation
167508	50100 - Cambalache - Manati	Jun-23 (Completed)	Dec-25	MCW	Pending Obligation
166707	51300 - Ponce - Costa Sur	Jun-23 (Completed)	Oct-24	MCW	Pending Obligation
177134	4100 - Guaraguao TC - Comerio TC	Jun-23 (Completed)	Nov-25	MCW	Pending Obligation
167446	36100 - Des Bocas - Monacillos	Jun-23 (Completed)	March-23 (Started)	MCW	Pending Obligation
548598	36200 - Fajardo to Rio Blanco (Evaluating for relocation)	Jun-23 (Completed)	May-26	MCW	Pending Obligation
547259	Jun-23 (Completed)	MCW	P E N D I N G O B L I G A T I O N		



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547269	2800—Aguadilla Hospital Distrito Sect to T Bone TO	Jun-23 (Completed)	Apr-25	MCW	Pending Obligation
718955	TL-50200—Costa Sur SP to Bayamon TC	Aug-23 (Completed)	Apr-24	MCW	Pending Obligation
718971	TL-50300—Costa Sur SP to Aguirre SP	Aug-23 (Completed)	Apr-24	MCW	Pending Obligation

Transmission (continued)

FEMA Project #	Project Name	DSOW Submission Estimate Date	Construction Start Date*	Self-Performed Work	Obligated \$\$*
<u>718955</u>	<u>TL-50200 - Costa Sur SP to Bayamon TC</u>	<u>Jul-23 (Completed)</u>	<u>Dec-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>718971</u>	<u>TL-50300 - Costa Sur SP to Aguirre SP</u>	<u>Jul-23 (Completed)</u>	<u>Dec-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
718951	TL-51200- Costa Sur to Cambalache	<u>AugJul-23 (Completed)</u>	<u>AprDec-24</u>	MCW	Pending Obligation
<u>167443</u>	<u>36200 - Monacillos - Juncos</u>	<u>Jul-23 (Completed)</u>	<u>Oct-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
550019	600 - Caguas TC to Gautier Benitez Sect	<u>Sep-23 (Completed)</u>	Feb-25	MCW	<u>TBDPending Obligation</u>
<u>334470712977</u>	<u>3100 - Monacillo3000 - Caguas TC to Daguao TC - Caguax Sect</u>	<u>NovDec-23</u>	<u>Sep-26Jun-24</u>	<u>CW/SPW/MCW</u>	<u>TBDPending Obligation</u>
711909	100 - Jobos TC - Guayama TO	<u>NovDec-23</u>	<u>JanJun-24</u>	CW/SPW	<u>TBDPending Obligation</u>
<u>712980</u>	<u>3000 - Caguax Sect - Juncos TC</u>	<u>Dec-23</u>	<u>Jun-24</u>	<u>CW/SPW</u>	<u>Pending Obligation</u>
711670	100 - Salinas Sect - Jobos TC	<u>NovDec-23</u>	<u>FebMay-24</u>	CW/SPW	<u>TBDPending Obligation</u>
<u>712980711819</u>	<u>3000 - Caguax13400 - Acacias TC - San German Sect - Juncos TC La Parquera Sect</u>	<u>NovDec-23</u>	<u>JanAug-24</u>	<u>CW/SPW</u>	<u>TBDPending Obligation</u>
435257	3000 - Monacillos TC - Bairoa TO	<u>NovDec-23</u>	<u>MarAug-24</u>	CW/SPW	<u>TBDPending Obligation</u>
<u>712977</u>	<u>3000 - Caguas TC - Caguax Sect</u>	<u>Nov-23</u>	<u>Jan-24</u>	<u>CW/SPW</u>	<u>TBD</u>
708637	3700 - Maunabo TC - Humacao TC	<u>NovDec-23</u>	<u>MarAug-24</u>	CW/SPW	<u>TBDPending Obligation</u>
<u>711819</u>	<u>Nov-23</u>	<u>Feb-24</u>	<u>TBD</u>		



334334	Dec-23	Oct-25	TBD

547251	Dec-23	Mar-24	TBD
547350	Dec-23	Oct-26	TBD



551911	Dec-23	Sep-25	TBD
547342	Dec-23	Aug-26	TBD

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*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Transmission (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>334331</u>	<u>1900 - Dos Bocas to San Sebastian</u>	<u>Dec-23</u>	<u>Oct-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>334470</u>	<u>3100 - Monacillo TC to Daguao TC</u>	<u>Dec-23</u>	<u>Sep-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547251</u>	<u>2400 - Dos Bocas to American Apparel</u>	<u>Mar-24</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>550902</u>	<u>9700 Palo Seco SP to Bay View Sect</u>	<u>Mar-24</u>	<u>Apr-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>730657</u>	<u>2200 - Dos Bocas to Dorado</u>	<u>Mar-24</u>	<u>Aug-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>551911</u>	<u>9100 - Guaraguao TC to Bayamón Pueblo Sect</u>	<u>Mar-24</u>	<u>Sep-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>551067</u>	<u>11100 – Canovanas TC TO GOAB 11115</u>	<u>Mar-24</u>	<u>Oct-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>334334</u>	<u>500 Ponce TC to Costa Sur SP</u>	<u>Mar-24</u>	<u>Sep-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547226</u>	<u>11400 – Barceloneta TC to Florida</u>	<u>Mar-24</u>	<u>Nov-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>547350</u>	<u>13300 - Bayamón Tc to Plaza del Sol</u>	<u>Mar-24</u>	<u>Oct-25</u>	<u>MCW</u>	<u>Pending Obligation</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Transmission (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated-\$
547160	1200 Mayaguez GP to Yauco 2 HP	Dec-23	Oct-25	MCW	TBD
334334	500 Ponce TC to Costa Sur SP	Dec-23	Feb-26	MCW	TBD
550902	9700 Palo Seco SP to Bay View Sect	Dec-23	Apr-25	MCW	TBD
551067	11100 — Canovanas TC TO GOAB 11115	Dec-23	Oct-25	MCW	TBD
547226	11400 — Barceloneta TC to Florida	Dec-23	Jul-26	MCW	TBD
730657	2200 — Dos Bocas to Derado	Dec-23	Aug-25	MCW	TBD

Distribution — Automation

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>688623</u>	<u>Transmission and Distribution Grid Program (Group 1)</u>	<u>May-23</u>	<u>Feb-23</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>705657</u>	<u>Area-Wide Distribution Grid (Group Mayaguez)</u>	<u>Oct-23</u>	<u>Oct-23</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>703222</u>	<u>Area-Wide Grid Automation (Group 2)</u>	<u>Oct-23</u>	<u>Oct-23</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>706498</u>	<u>Area-Wide Grid Automation (San Juan/Bayamon Group)</u>	<u>Dec-23</u>	<u>Oct-23</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAF - Fuse Cutout Installation – Group B</u>	<u>Jan-24</u>	<u>Jan-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAF Fuse Cutout Installation – Group A</u>	<u>Jan-24</u>	<u>Sep-23</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - SAN JUAN 1204, 1346 - FY24</u>	<u>Jan-24</u>	<u>Nov-23</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - SAN JUAN 1343, 1437, 1525 - FY24</u>	<u>Jan-24</u>	<u>Nov-23</u>	<u>MSPW</u>	<u>Pending Obligation</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1709, 1719 - FY24</u>	<u>Jan-24</u>	<u>Jan-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 9401, 9801, 9802 - FY24</u>	<u>Jan-24</u>	<u>Jan-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1703, 1704- FY24</u>	<u>Jan-24</u>	<u>Jan-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1717, 9503 - FY24</u>	<u>Jan-24</u>	<u>Jan-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1901, 1907 - FY24</u>	<u>Jan-24</u>	<u>Jan-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAF - Fuse Cutout Installation – Group C</u>	<u>Feb-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 2601, 2602, 2701, 2702 - FY24</u>	<u>Feb-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 2901, 3006 - FY24</u>	<u>Feb-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 3010, 3013 - FY24</u>	<u>Feb-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 3102, 3201, 3301 - FY24</u>	<u>Feb-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 3405, 3501 - FY24</u>	<u>Feb-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 9901, 9902 - FY24</u>	<u>Feb-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 7402, 7403, 7702 - FY24</u>	<u>Feb-24</u>	<u>Apr-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 8010, 8013, 8015 - FY24</u>	<u>Jan-24</u>	<u>Apr-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 8203, 8404, 8405 - FY24</u>	<u>Jan-24</u>	<u>Apr-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 8501, 8504, 8801 - FY24</u>	<u>Jan-24</u>	<u>Apr-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 9002, 9003, 9004 - FY24</u>	<u>Feb-24</u>	<u>May-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 9101, 9105, 9201 - FY24</u>	<u>Feb-24</u>	<u>May-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Grid Automation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 4001, 5401, 5602, 6601 - FY24</u>	<u>Feb-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - SAN JUAN 1110, 1206, 1336 - FY24</u>	<u>Jan-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - SAN JUAN 2403, 2404 - FY24</u>	<u>Jan-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - SAN JUAN 2001, 2006, 2302, 2306 - FY24</u>	<u>Jan-24</u>	<u>Feb-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - SAN JUAN 1416, 1424, 1619, 1620, 1646 - FY24</u>	<u>Jan-24</u>	<u>Mar--24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 9501, 9203, 9207</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 9202, 9203, 9207 - FY24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1801, 1803, 1806 - FY24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1716, 1718, 1734 - FY24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Grid Automation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self- Performed Work</u>	<u>Obligated \$*</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1710,1711,1713, 1714 - FY24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1701, 1706, 1707, 1708 - FY24</u>	<u>Feb-24</u>	<u>Marr-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - BAYAMON 1529, 1903, 1909 - FY24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 2603, 2801, 2803, 2906 - FY24</u>	<u>Mar-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 3004, 3007, 3009 - FY24</u>	<u>Mar-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 3014, 3015 - FY24</u>	<u>Mar-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 3101, 3103, 3205 - FY24</u>	<u>Mar-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 3302, 3401, 3406, 3502 - FY24</u>	<u>Mar-24</u>	<u>Mar-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 3601, 3602, 3604, 3701 - FY24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - CAGUAS 9601, 9605, 8703 - FY24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Grid Automation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 8005, 8101, 8103, 8104 - FY24</u>	<u>Feb-24</u>	<u>May-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 8202, 8301, 8302 - FY24</u>	<u>Feb-24</u>	<u>May-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - ARECIBO 8602, 8701, 9001 - FY24</u>	<u>Feb-24</u>	<u>May-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 4003, 4101 - FY24</u>	<u>Feb-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 4201, 4301, 4401 - FY24</u>	<u>Feb-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 4601, 4602, 4603 - FY24</u>	<u>Feb-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 5002, 5004, 5007 - FY24</u>	<u>Mar-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 5011, 5013, 5016 - FY24</u>	<u>Ma-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Grid Automation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self- Performed Work</u>	<u>Obligated \$*</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 5018, 5019 - FY24</u>	<u>Mar-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 5301, 5302, 5304 - FY24</u>	<u>Mar-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>DAR - PONCE 5501, 5802, 5803, 5817, 5901 - FY24</u>	<u>Mar-24</u>	<u>Jun-24</u>	<u>MSPW</u>	<u>Pending Obligation</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Feeder Rebuild

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Date*	Self-Performed Work	Obligated \$\$*
<u>165226</u>	<u>Vieques Feeders 2501-01, 2501-02, 2501-03 and Culebra Feeders 3801-01, 3801-02</u>	<u>Dec-22 (Completed)</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>334308</u> <u>688623</u>	<u>Transmission and Distribution Automation Program (Feeder (Mayagüez Group 1))</u>	<u>Apr-Jul-23 (Completed)</u>	<u>Feb-23 (Started)</u> <u>Jun-24</u>	<u>MSPWMCW</u>	<u>Pending Obligation</u>
<u>334191 TBD</u>	<u>Area-Wide Distribution Automation (Feeder (Mayagüez Short Term Group Mayaguez)3)</u>	<u>Sep-Jul-23 (Completed)</u>	<u>Oct-23</u> <u>Jun-24</u>	<u>MSPWMCW</u>	<u>TBD</u> <u>Pending Obligation</u>
<u>334285</u>	<u>Distribution Feeder (Mayagüez Group 2)</u>	<u>Jul-23 (Completed)</u>	<u>Jun-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>334293</u>	<u>Distribution Feeder (Mayagüez Short-Term Group 4)</u>	<u>Jul-23 (Completed)</u>	<u>Jul-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>334474</u>	<u>Distribution Feeder (Bayamón Short-Term Group 2)</u>	<u>Jul-23 (Completed)</u>	<u>Dec-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>546374</u>	<u>Distribution Feeder (San Juan Group 3)</u>	<u>Aug-23 (Completed)</u>	<u>Aug-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>TBD334472</u>	<u>Area-Wide Distribution Automation (Group-Feeder (San Juan) Group 2)</u>	<u>Sep-23 (Completed)</u>	<u>Oct-23</u> <u>Jul-24</u>	<u>MSPWMCW</u>	<u>TBD</u> <u>Pending Obligation</u>
<u>TBD334497</u>	<u>Area-Wide Distribution Automation (Feeder (Caguas Group Caguas)6)</u>	<u>Oct-Sep-23 (Completed)</u>	<u>Oct-23</u> <u>Aug-24</u>	<u>MSPWMCW</u>	<u>TBD</u> <u>Pending Obligation</u>
<u>TBD334471</u>	<u>Area-Wide Distribution Automation (Bayamón) Feeder (San Juan Group 1)</u>	<u>Oct-Sep-23 (Completed)</u>	<u>Oct-23</u> <u>Aug-24</u>	<u>MCW</u> <u>MSPW</u>	<u>TBD</u> <u>Pending Obligation</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Feeders ~~Feeder Rebuild (continued)~~

~~*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.~~

FEMA Project #	Project Name	DSOW Submission Date	Construction Start Date*	Self-Performed Work	Obligated \$\$*
165226	Vieques Feeders 2501-01, 2501-02, 2501-03 and Culebra Feeders 3801-01, 3801-02	Dec-22 (Completed)	Mar-24	MCW	Pending obligation
334474 334473	Distribution Feeder (Bayamón Short Term Group 21)	JunSep-23 (Completed)	MarAug-24	MCW	Pending obligation Obligation
730513 334404	Distribution Feeder (Mayagüez Short Term Caguas Group 3) 4)	JunSep-23 (Completed)	MayAug-24	MCW	Pending obligation Obligation
730541 334285	Distribution Feeder (Mayagüez Caguas Group 2) 8)	JunSep-23 (Completed)	AprAug-24	MCW	Pending obligation Obligation
334293 334477	Distribution Feeder (Mayagüez Short Term Carolina Group 43)	JunSep-23 (Completed)	AprSep-24	MCW	Pending obligation Obligation
730586 334308	Distribution Feeder (Mayagüez Ponce Group 1)	JunSep-23 (Completed)	AprSep-24	MCW	Pending obligation Obligation

546374 334475	Distribution Feeder (San Juan Bayamón Group 3)	Aug Sep-23 (Completed)	Apr Oct-24	MCW	Pending obligation Obligation
334452	Distribution Feeder (Caguas Group 3)	Sep-23 (Completed)	Oct-24	MCW	Pending obligation Obligation
334472	Distribution Feeder (San Juan Group 2)	Sep-23 (Completed)	Mar-24	MCW	Pending obligation

Distribution—Feeders (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$
334475	Distribution Feeder (Bayamón Group 3)	Sep-23 (Completed)	Mar-24	MCW	Pending obligation
334477	Distribution Feeder (Carolina Group 3)	Sep-23 (Completed)	May-24	MCW	Pending obligation
334494	Distribution Feeder (Caguas Group 5)	Sep-23 (Completed)	May-24	MCW	Pending obligation
334497	Distribution Feeder (Caguas Group 6)	Sep-23 (Completed)	Apr-24	MCW	Pending obligation
334518	Distribution Feeder (Caguas Group 7)	Sep-23 (Completed)	Oct-24	MCW	Pending obligation
334420	Distribution Feeder (Caguas Group 1)	Sep-23	Apr-24	MCW	TBD
334443	Distribution Feeder (Caguas Group 2)	Sep-23	Sep-24	MCW	TBD
334474	Distribution Feeder (San Juan Group 4)	Sep-23	Apr-24	MCW	TBD
436616	Distribution Feeder (Arecibo Group 1)	Sep-23 (Completed)	Dec-24	MCW	Pending Obligation
334491 546386 334491-546386	Distribution Feeder (El Yunque-Caguas Group 5)	Sep-23 (Completed)	May-24-Jul-25	MCW	TBD Pending Obligation



<u>334420</u>	<u>Distribution Feeder (Caguas Group 1)</u>	<u>Sep-23 (Completed)</u>	<u>Jul-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
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*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – ~~Feeders~~Feeder Rebuild (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> Date	Construction Start Date*	Self-Performed Work	Obligated \$\$*
334473	Distribution Feeder (Bayamón Group 1)	Sep-23	Apr-24	MCW	TBD
730821	Distribution Feeder (Arecibo Group 2)	Sep-23 (<u>Completed</u>)	Apr-24 <u>Jul-25</u>	MCW	TBD <u>Pending Obligation</u>
334443 334476	Distribution Feeder (Carolina <u>Caguas</u> Group 2)	Sep-23 (<u>Completed</u>)	Jul-24 <u>Sep-25</u>	MCW	TBD <u>Pending Obligation</u>
546386 730586	Distribution Feeder (Ponce <u>El Yunque</u> Group 1)	Sep-23 (<u>Completed</u>)	Apr-24 <u>Oct-25</u>	MCW	TBD <u>Pending Obligation</u>
334518 730824	Distribution Feeder (Ponce <u>Caguas</u> Group 2) <u>7</u>	Sep-23 (<u>Completed</u>)	Jul-24 <u>Nov-25</u>	MCW	TBD <u>Pending Obligation</u>
334476 730543	Distribution Feeder (Caguas <u>Carolina</u> Group 4) <u>2</u>	Sep <u>Nov</u> -23 (<u>Completed</u>)	Jun-24 <u>Nov-25</u>	MCW	TBD <u>Pending Obligation</u>
730824 730544	Distribution Feeder (Caguas <u>Ponce</u> Group 8) <u>2</u>	Sep <u>Nov</u> -23 (<u>Completed</u>)	May-24 <u>Dec-25</u>	MCW	TBD <u>Pending Obligation</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Date*	Self-Performed Work	Obligated <u>\$\$*</u>
334323	Ponce Group 1	Jan-22 (Completed)	Mar-22 (Started)	MSPW CW/SPW	\$418,999 392,822
334329	Ponce Group 2	Jan-22 (Completed)	Jun-23 (Started)	MCW	\$405,783
542762	Arecibo Group 2	Jan-22 (Completed)	Mar-22 (Completed)	MSPW CW/SPW	\$818,662 767,868
334488	Caguas Group 4	Feb-22 (Completed)	May-22 (Started)	MCW CW/SPW	\$165,208 153,743
334527	Caguas Group 8	Feb-22 (Completed)	Sep-22 (Completed)	MSPW CW/SPW	\$117,387 123,721
334329	Ponce Group 2	Jan-22 (Completed)	Jun-23	CW /SPW	\$380,253
673839	Bayamon Group 2	May-22 (Completed)	Apr-23 (Completed)	MSPW CW/SPW	\$36,454 26,298
673848 674092	Caguas Carolina Group 53	Jun-22 (Completed)	Jun-23 (Started) Apr-22	MSPW CW/SPW	\$614,309 49,345
673774 674098	Caguas Mayaguez Group 71	Jun-22 (Completed)	Feb-23 (Completed) Apr-22	MCW CW/SPW	\$124,274 1,766,951
673847	Carolina Group 2	Jun-22 (Completed)	Mar-22 (Started)	MSPW CW/SPW	\$277,756 240,513



<u>673818</u>	<u>San Juan Group 1</u>	<u>Jun-22</u> <u>(Completed)</u>	<u>Aug-22</u>	<u>CW/SPW</u>	<u>\$793,418</u>
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***The obligated amount represents the CRC net cost. A&E is not included in this amount.**
Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Date*	Self-Performed Work	Obligated \$\$*
674098673848	Carolina <u>Caguas</u> Group 37	Jun-22 (Completed)	Feb-23 Apr-22 (Started)	MSPW <u>CW/SPW</u>	\$62,627 <u>107,755</u>
673838673774	Mayaguez <u>San Juan</u> Group 42	Jun-22 (Completed)	Apr-22 (Started) <u>May-23</u>	MSPW <u>CW/SPW</u>	\$2,040,782 <u>357,614</u>
674092673795	Mayaguez <u>Caguas</u> Group 45	Jun-22 (Completed)	Jun-23 (Started)	MSPW <u>CW/SPW</u>	\$2,072,233 <u>531,730</u>
673795673818	San Juan <u>Mayaguez</u> Group 44	Jun-22 (Completed)	Aug-22 (Started) <u>Jun-23</u>	MCW <u>CW/SPW</u>	\$944,464 <u>1,794,117</u>
673775673838	San Juan <u>Mayaguez</u> Group 23	Jun <u>Jul</u> -22 (Completed)	May-23 (Started) <u>Jan-22</u>	MCW <u>CW/SPW</u>	\$412,638 <u>4,432,648</u>
673836673774	Arecibo <u>Bayamon</u> Group 1	Jul-22 (Completed)	Nov-2022 (Started) <u>Jun-22</u>	MSPW <u>CW/SPW</u>	\$2,737,414 <u>5,751,036</u>
673771673836	Bayamon <u>Arecibo</u> Group 1	Jul-22 (Completed)	Jun <u>Nov-22</u> (Started)	MCW <u>CW/SPW</u>	\$6,651,054 <u>2,366,561</u>
674072673843	Bayamon <u>Caguas</u> Group 31	Jul-22 (Completed)	Feb-23 (Started) <u>Nov-22</u>	MCW <u>CW/SPW</u>	\$1,307,654 <u>111,094</u>
674083674072	Caguas Group 42	Jul-22 (Completed)	Nov-22 (Started)	MCW <u>CW/SPW</u>	\$1,282,680 <u>2,110,462</u>
673843674083	Caguas <u>Bayamon</u> Group 23	Jul-22 (Completed)	Nov-22 (Started) <u>Feb-23</u>	MCW <u>CW/SPW</u>	\$2,446,183 <u>1,131,855</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Date*	Self-Performed Work	Obligated \$\$*
674096674088	Caguas Group 36	Jul-22 (Completed)	May-22 (Started) <u>Feb-23</u>	MCW CW/SPW	\$1,969,392 2,092,280
673772674096	Caguas Mayaguez Group 62	Jul-22 (Completed)	Feb <u>Mar-23</u> (Started)	CW/SPW	\$2,424,985 4,122,520
678985673772	Mayaguez Bayamon Group 24	Jul <u>Aug-22</u> (Completed)	Mar-23 (Started)	MSPW CW/SPW	\$4,759,357 407,946
679033673775	Mayaguez Caguas Group 39	Jul <u>Aug-22</u> (Completed)	Jan-22 (Started) <u>Apr-23</u>	MSPW CW/SPW	\$5,124,519 908,942
674088673844	San Juan Caguas Group 3	Jul-22 (Completed)	May-23 (Started)	MCW CW/SPW	\$1,600,866 702,021
673844678985	Bayamon San Juan Group 43	Aug <u>Jul-22</u> (Completed)	Mar <u>May-23</u> (Started)	MCW CW/SPW	\$474,861 1,392,065
679127679025	San Juan Arecibo Group 43	Aug-22 (Completed)	Oct <u>May-23</u>	MSPW CW/SPW	\$345,514 217,163
679149679033	Caguas Mayaguez Group 95	Aug-22 (Completed)	Apr <u>Aug-23</u> (Started)	MCW CW/SPW	\$1,049,570 157,187
679457679427	Arecibo Ponce Group 3	Aug-22 (Completed)	May <u>Jun-23</u> (Started)	MSPW CW/SPW	\$250,503 746,488



679025679149	Mayaguez San Juan Group 54	Aug-22 (Completed)	Aug-23 (Started)Jan-24	MSPW CW/SPW	\$182,378 -298,631
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Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Date*	Self- Performed Work	Obligated <u>\$\$*</u>
679457	Ponce Group 3	Aug-22 (Completed)	Jun-23 (Started)	MCW	\$861,874
678988	Bayamon Group 5	Sept-22 (Completed)	Mar-23 (Started)	MCW CW/SPW	\$1,293,228 117,787
679133	Arecibo Group 4	Sept-22 (Completed)	Oct-23 Mar-24	MSPW CW/SPW	\$25,449 21,362
679026	San Juan Group 5	Sept-22 (Completed)	May-23 (Started)	MSPW CW/SPW	\$683,747 590,296
679134	Caguas Group 10	Sept-22 (Completed)	May-23 (Started)	MCW CW/SPW	\$650,284 563,557
679153	Mayaguez Group 6	Sept-22 (Completed)	May-23 (Started)	MSPW CW/SPW	\$246,252 215,184
679458	Ponce Group 4	Sept-22 (Completed)	Jul-23 (Started)	MCW CW/SPW	\$689,340 593,918
682882 685477	Arecibo Caguas Group 611	Nov-22 (Completed)	Jun Jan-23 (Started)	MCW CW/SPW	\$480,605 659,039
682135 682940	- Bayamon Group 78	Nov-22 (Completed)	Apr Feb-23 (Started)	MCW CW/SPW	\$722,052 693,781
682898 682890	Caguas Bayamon Group 426	Nov-22 (Completed)	May Feb-23 (Started)	MCW CW/SPW	\$710,654 744,027

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> <u>Date</u>	Construction Start Date*	Self- Performed Work	Obligated <u>\$\$</u> *
682910685370 <u>682324685263</u>	Mayaguez <u>Bayamon</u> Group 87 <u>87</u>	Nov-22 (Completed)	Aug <u>Apr-23</u> (Started)	MSPW <u>CW/SPW</u>	\$96,936 <u>\$622,823</u>
682324685263 <u>682890682865</u>	Ponce <u>Caguas</u> Group 613 <u>613</u>	Nov-22 (Completed)	Jul <u>Apr-23</u> (Started)	MCW <u>CW/SPW</u>	\$775,663 <u>\$709,229</u>
682890682865 <u>686453682435</u>	San Juan <u>Caguas</u> Group 712 <u>712</u>	Nov-22 (Completed)	Aug <u>May-23</u> (Started)	MCW <u>CW/SPW</u>	\$105,208 <u>\$612,379</u>
686453682435 <u>685477682324</u>	Bayamon <u>Mayaguez</u> Group 87 <u>87</u>	Nov-22 (Completed)	Feb <u>May-23</u> (Started)	MCW <u>CW/SPW</u>	\$803,639 <u>\$25,579</u>
685477682324 <u>682870686471</u>	Caguas <u>Arecibo</u> Group 136 <u>136</u>	Nov-22 (Completed)	Apr <u>Jun-23</u> (Started)	CW <u>SPW</u>	\$819,846 <u>\$413,482</u>
682870686471 <u>685263682882</u>	San Juan <u>Arecibo</u> Group 65 <u>65</u>	Nov-22 (Completed)	Aug <u>Jun-23</u> (Started)	MCW <u>CW/SPW</u>	\$120,130 <u>\$319,606</u>
685263682882 <u>685943682808</u>	Caguas <u>Ponce</u> Group 446 <u>446</u>	Nov-22 (Completed)	Jan <u>Jul-23</u> (Started)	MCW <u>CW/SPW</u>	\$763,393 <u>\$672,383</u>
685943682808 <u>685943682808</u>	Bayamon <u>Ponce</u> Group 65 <u>65</u>	Nov-22 (Completed)	Feb <u>Jul-23</u> (Started)	MCW <u>CW/SPW</u>	\$864,314 <u>\$318,232</u>

682865685943	Ponce San Juan Group 57	Nov-22 (Completed)	Jul Aug-23 (Started)	MCW CW/SPW	\$368,007 \$91,831
685370686453	Mayaguez Group 78	Nov-22 (Completed)	May Aug-23 (Started)	MSPW CW/SPW	\$29,638 \$83,809

Distribution—Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$
686474	Arecibo Group 5	Nov-22 (Completed)	Jun-23 (Started)	MCW	\$368,833
682178	Arecibo Group 7	Dec-22 (Completed)	Jul-23 (Started)	MSPW	\$303,240
682210	Mayaguez Group 9	Dec-22 (Completed)	May-23 (Started)	MSPW	\$278,096
686480	Ponce Group 7	Dec-22 (Completed)	May-23 (Started)	MSPW	\$733,415
682028	San Juan Group 8	Dec-22 (Completed)	Aug-23 (started)	MCW	\$620,946
682472	Arecibo Group 8	Dec-22 (Completed)	Jan-23 (Started)	MSPW	\$307,002
682436	Bayamon Group 9	Dec-22 (Completed)	Apr-23 (Started)	MCW	\$655,864
682373	Caguas Group 14	Dec-22 (Completed)	Jun-23 (Started)	MCW	\$90,344
682480	Mayaguez Group 10	Dec-22 (Completed)	Jan-23 (Started)	MSPW	\$62,816
682228	Ponce Group 8	Dec-22 (Completed)	May-23 (Started)	MSPW	\$1,103,445

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Distribution – Pole Replacement (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Estimate</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>682870</u>	<u>San Juan Group 6</u>	<u>Nov-22 (Completed)</u>	<u>Aug-23</u>	<u>CW/SPW</u>	<u>\$103,413</u>
<u>682180</u>	<u>Mayaguez Group 10</u>	<u>Dec-22 (Completed)</u>	<u>Jan-23</u>	<u>CW/SPW</u>	<u>\$54,402</u>
<u>682172</u>	<u>Arecibo Group 8</u>	<u>Dec-22 (Completed)</u>	<u>Jan-23</u>	<u>CW/SPW</u>	<u>\$266,071</u>
<u>682136</u>	<u>Bayamon Group 9</u>	<u>Dec-22 (Completed)</u>	<u>Apr-23</u>	<u>CW/SPW</u>	<u>\$565,605</u>
<u>688472</u>	<u>Mayaguez Group 11</u>	<u>Dec-22 (Completed)</u>	<u>Apr-23</u>	<u>CW/SPW</u>	<u>\$179,895</u>
<u>688625</u>	<u>Ponce Group 10</u>	<u>Dec-22 (Completed)</u>	<u>Apr-23</u>	<u>CW/SPW</u>	<u>\$901,290</u>
<u>682228</u>	<u>Ponce Group 8</u>	<u>Dec-22 (Completed)</u>	<u>May-23</u>	<u>CW/SPW</u>	<u>\$952,661</u>
<u>682210</u>	<u>Mayaguez Group 9</u>	<u>Dec-22 (Completed)</u>	<u>May-23</u>	<u>CW/SPW</u>	<u>\$239,878</u>
<u>686480</u>	<u>Ponce Group 7</u>	<u>Dec-22 (Completed)</u>	<u>May-23</u>	<u>CW/SPW</u>	<u>\$632,056</u>
<u>688627</u>	<u>Arecibo Group 9</u>	<u>Dec-22 (Completed)</u>	<u>May-23</u>	<u>CW/SPW</u>	<u>\$375,962</u>

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Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$
682034	San Juan Group 9	Dec-22 (Completed)	Sept-23	MCW	\$710,242
688627	Arecibo Group 9	Dec-22 (Completed)	May-23 (Started)	MSPW	\$434,881
688096	Caguas Group 15	Dec-22 (Completed)	Sept-23	MCW	\$31,408
688472	Mayaguez Group 11	Dec-22 (Completed)	Apr-23 (Started)	MSPW	\$200,817
688774	Ponce Group 9	Dec-22 (Completed)	May-23 (Started)	MSPW	\$628,534
691246	San Juan Group 10	Dec-22 (Completed)	Aug-23 (Started)	MCW	\$286,704
688109	San Juan Group 11	Dec-22 (Completed)	Aug-23 (Started)	MCW	\$650,873
688198	Arecibo Group 10	Dec-22 (Completed)	Sept-23	MSPW	\$88,915
688625	Ponce Group 10	Dec-22 (Completed)	Apr-23 (Started)	MSPW	\$1,040,648
688629	Mayaguez Group 13	Dec-22 (Completed)	May-23 (Started)	MSPW	\$155,663

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>688774</u>	<u>Ponce Group 9</u>	<u>Dec-22 (Completed)</u>	<u>May-23</u>	<u>CW/SPW</u>	<u>\$541,815</u>
<u>688629</u>	<u>Mayaguez Group 13</u>	<u>Dec-22 (Completed)</u>	<u>May-23</u>	<u>CW/SPW</u>	<u>\$134,829</u>
<u>682373</u>	<u>Caguas Group 14</u>	<u>Dec-22 (Completed)</u>	<u>Jun-23</u>	<u>CW/SPW</u>	<u>\$77,605</u>
<u>682178</u>	<u>Arecibo Group 7</u>	<u>Dec-22 (Completed)</u>	<u>Jul-23</u>	<u>CW/SPW</u>	<u>\$262,290</u>
<u>689071</u>	<u>Arecibo Group 11</u>	<u>Dec-22 (Completed)</u>	<u>Jul-23</u>	<u>CW/SPW</u>	<u>\$77,036</u>
<u>682028</u>	<u>San Juan Group 8</u>	<u>Dec-22 (Completed)</u>	<u>Aug-23</u>	<u>CW/SPW</u>	<u>\$537,125</u>
<u>691246</u>	<u>San Juan Group 10</u>	<u>Dec-22 (Completed)</u>	<u>Aug-23</u>	<u>CW/SPW</u>	<u>\$245,340</u>
<u>688109</u>	<u>San Juan Group 11</u>	<u>Dec-22 (Completed)</u>	<u>Aug-23</u>	<u>CW/SPW</u>	<u>\$563,429</u>
<u>688198</u>	<u>Arecibo Group 10</u>	<u>Dec-22 (Completed)</u>	<u>Sept-23</u>	<u>CW/SPW</u>	<u>\$76,862</u>
<u>688096</u>	<u>Caguas Group 15</u>	<u>Dec-22 (Completed)</u>	<u>Sept-23</u>	<u>CW/SPW</u>	<u>\$27,239</u>
<u>682031</u>	<u>San Juan Group 9</u>	<u>Dec-22 (Completed)</u>	<u>Jan-24</u>	<u>CW/SPW</u>	<u>\$625,198</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> <u>Date</u>	Construction Start Date*	Self- Performed Work	Obligated \$\$*
688630	Mayaguez Group 12	Dec-22 (Completed)	Sep-23 Jan-24	MSPW/CW/SPW	\$61,046 <u>\$52,719</u>
689074	Arecibo Group 11	Dec-22 (Completed)	Jul-23 (Started)	MSPW	\$88,915
701679	San Juan Group 12	Dec-22 (Completed)	Oct-23 Jan-24	MCWCW/SPW	\$93,187 <u>-80,652</u>
701545	Ponce Group 11	Dec-22 (Completed)	May-23 (Started)	MSPW/CW/SPW	\$711,427 <u>\$616,229</u>
701552 701555	Ponce Group 13 <u>12</u>	Jan-23 (Completed)	Jun <u>Apr-23</u> (Started)	MSPW/CW/SPW	\$753,962 <u>\$238,162</u>
701495 701552	Ponce Mayaguez Group 12 <u>14</u>	Jan-23 (Completed)	Apr-23 (Started)	MSPW/CW/SPW	\$274,832 <u>\$25,679</u>
701555 701495	Mayaguez Ponce Group 14 <u>13</u>	Jan-23 (Completed)	Apr <u>Jun-23</u> (Started)	MCWCW/SPW	\$29,638 <u>\$649,427</u>
701504	Arecibo Group 12	Jan-23 (Completed)	Jun-23 (Started)	MSPW/CW/SPW	\$217,475 <u>\$188,223</u>
704916	Arecibo Group 13-16	Mar-23 (Completed)	May-23 (Started)	MSPW/CW/SPW	\$353,725 <u>\$409,298</u>
704844 704750	Bayamon Group 40 Caguas Groups <u>16-20</u>	Mar-23 (Completed)	Jul <u>Jun-23</u> (Started)	MCWCW/SPW	\$671,139 <u>409,298</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> <u>Date</u>	Construction Start Date*	Self-Performed Work	Obligated <u>\$\$</u> *
704750 <u>704754</u>	Bayamon Group 44 <u>10</u>	Mar-23 (Completed)	Jul-23 (Started)	MCW <u>CW/SPW</u>	\$501,335 <u>\$524,392</u>
704751 <u>704755</u>	Bayamon Groups 12-14 <u>Group</u> 11 <u>11</u>	Mar-23 (Completed)	Oct <u>Jul-23</u>	MCW <u>CW/SPW</u>	\$607,843 <u>-435,167</u>
704755 <u>704844</u>	Caguas <u>Bayamon</u> Groups 46-20 <u>12 14</u>	Mar-23 (Completed)	Jun <u>Nov-23</u> (Started)	MSPW <u>CW/SPW</u>	\$471,788 <u>-607,843</u>
705527	San Juan Groups 17-21	Mar-23 (Completed)	Oct-23 <u>Jan-24</u>	MCW <u>CW/SPW</u>	\$893,004 <u>767,854</u>
705503	Mayaguez Groups 15-19	Apr-23 (Completed)	Oct <u>May-23</u>	MSPW <u>CW/SPW</u>	Pending obligation <u>Obligation</u>
705584	Ponce Groups 14-15	Apr-23 (Completed)	Nov-23	MCW <u>CW/SPW</u>	\$2,127,676 <u>1,842,979</u>
704933	San Juan Groups 13-16	Apr-23 (Completed)	Oct-23 <u>Jan-24</u>	MCW <u>CW/SPW</u>	\$1,657,406 <u>426,151</u>
708579	Ponce Groups 16-19	Apr-23 (Completed)	Nov-23	MCW <u>CW/SPW</u>	-Pending obligation <u>\$2,154,007</u>
710094	Bayamon Group 1 1 Phase 1 <u>2</u>	Aug-23 (Completed)	Nov-23 <u>Jan-24</u>	MCW <u>CW/SPW</u>	Pending obligation <u>Obliga</u> <u>tion</u>



710110	Bayamon Group 2 Phase 1 ₂	Aug-23 (Completed)	Nov-23 <u>Jan-24</u>	MCW <u>CW/SPW</u>	Pending obligation <u>\$87.7</u> <u>75</u>
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*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Date*	Self-Performed Work	Obligated \$\$*
710099	Arecibo Group 1 (Phase II)	Sep-23 (Completed)	Dec-23 May-24	MCW/CW/SPW	TBD Pending Obligation
711888	Caguas Group 1 (Phase II)	Sep-23 (Completed)	Dec-23 June-24	MCW/CW/SPW	TBD Pending Obligation
711856	Bayamon Group 3 (Phase II)	Oct-23	Jan-24	MCW	TBD
712968	Arecibo Group 2 (Phase II)	Oct-23 (Completed)	JanMay-24	MCW/CW/SPW	TBD Pending Obligation
TBD 711856	Carolina Bayamon Group 4-3 (Phase II)	Nov-23 (Completed)	FebJun-24	MCW/CW/SPW	TBD Pending Obligation
TBD	Caguas Group 2 (Phase II)	Nov-23	Feb-24	MCW	TBD
TBD 738672	Mayaguez Group 1 (Phase II)	Nov-23 (Complete)	FebJun-24	MCW/CW/SPW	TBD Pending Obligation
TBD 738143	San Juan Group 2 (Phase II)	Dec-23	MarMay-24	MCW/CW/SPW	TBD Pending Obligation
TBD 738670	Ponce Group 1 (Phase II)	Dec-23	MarMay-24	MCW/CW/SPW	TBD Pending obligation
TBD 737825	San Juan Group 1 (Phase II)	Dec-23	MarMay-24	MCW/CW/SPW	TBD Pending obligation

<u>738971</u>	<u>Caguas Group 2 (Phase II)</u>	<u>Jan-24</u>	<u>Aug-24</u>	<u>CW/SPW</u>	<u>Pending obligation</u>
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*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Pole Replacement (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>FAASt Number Pending</u>	<u>Carolina Group 2 – Phase 2</u>	<u>Feb-24</u>	<u>Sept-24</u>	<u>CW/SPW</u>	<u>Pending obligation</u>
<u>738674</u>	<u>Mayaguez Group 2 – Phase 2</u>	<u>Mar-24</u>	<u>Oct-24</u>	<u>CW/SPW</u>	<u>Pending obligation</u>
<u>738667</u>	<u>Ponce Group 2 - Phase 2</u>	<u>Mar-24</u>	<u>Oct-24</u>	<u>CW/SPW</u>	<u>Pending obligation</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Distribution – Streetlighting

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Estimate*	Self-Performed Work	Obligated <u>\$\$*</u>
542690	Maunabo Streetlighting	Feb-22 (Completed)	Jun-22 (Started)	MCW	\$7,974,197 <u>\$6,443,757</u>
542688 <u>542756</u>	Guánica <u>Aguada</u> Streetlighting	Mar-22 (Completed)	Aug <u>Jun-22</u> (Started)	MCW	\$12,295,431 <u>\$18,571,716</u>
542517 <u>542687</u>	Lajas <u>Luquillo</u> Streetlighting	Mar-22 (Completed)	Jul <u>Jun-22</u> (Started)	MCW	\$13,217,521 <u>\$18,810,325</u>
542687 <u>542688</u>	Aguada <u>Lajas</u> Streetlighting	Mar-22 (Completed)	Jun <u>Jul-22</u> (Started)	MCW	\$22,676,501 <u>\$10,704,669</u>
542756 <u>542517</u>	Luquillo <u>Guánica</u> Streetlighting	Mar-22 (Completed)	Jun <u>Aug-22</u> (Started)	MCW	\$707,494 <u>\$10,058,046</u>
660239 <u>660437</u>	Villalba <u>Streetlighting</u> Manati Streetlight	Jul-22 (Completed)	Nov <u>Oct-22</u> (Started)	MCW	\$34,458,465 <u>\$10,872,402</u>
660437 <u>6659715</u>	Manati Streetlight <u>Aibonito</u> Streetlighting	Jul-22 (Completed)	Nov-22 (Started)	MCW	\$9,134,158 <u>\$28,636,829</u>
65979681 <u>6659623</u>	Cataño <u>Aibonito</u> Streetlighting	Jul-22 (Completed)	Nov-22 (Started)	MCW	\$21,136,840 <u>\$7,253,285</u>

659623 <u>660239</u>	Villalba Cataño Streetlighting	Jul-22 (Completed)	Oct Nov-22 (Started)	MCW	\$13,503,120 <u>\$17,562,047</u>
660227	Hatillo Streetlighting	Aug-22 (Completed)	Nov-22 (Started)	MCW	\$24, 652,343 <u>\$370,617</u>
659625	Dorado Streetlighting	Aug-22 (Completed)	Nov-22 (Started)	MCW	\$29,087,211 <u>\$20,334,483</u>
673504	Gurabo Streetlighting	Feb-23 (Completed)	Mar-23 (Started)	MCW	\$23,785,969 <u>\$20,742,294</u>

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Estimate*	Self-Performed Work	Obligated \$\$*
698424	Florida Streetlighting	Mar-23 (Completed)	Apr-23 (Started)	MCW	Pending obligation \$10,309,032
691702	Trujillo Alto Streetlighting	Mar-23 (Completed)	Apr-23 (Started)	MCW	\$29,676,415 \$26,286,925
690545	Aguadilla Streetlighting	Mar-23 (Completed)	May-23 (Started)	MCW	\$24,113,826 \$21,092,584
679039	Caguas Streetlighting	Mar-23 (Completed)	May-23 (Started)	MCW	\$84,121,466 \$75,586,569
659968	San Germán Streetlighting	Mar-23 (Completed)	May-23 (Started)	MCW	\$39,502,133 \$34,882,926
698439	Las Marías Streetlighting	Jun-23 (Completed)	May-23 (Started)	MCW	Pending obligation \$8,360,922
698458	Guaynabo Streetlighting	Jun-23 (Completed)	Jun-23 (Started)	MCW	Pending obligation \$10,615,811
698427	Maricao Streetlighting	Jun-23 (Completed)	Jun-23 (Started)	MCW	Pending obligation Obligation
678795	Arecibo Streetlighting	Jun-23 (Completed)	Jun-23 (Started)	MCW	Pending obligation Obligation
678793	Mayagüez Streetlighting	Jun-23 (Completed)	Jun-23 (Started)	MCW	Pending obligation \$12,371,384

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Distribution – Streetlighting (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Estimate*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>671400</u>	<u>Barceloneta Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Jun-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>671502</u>	<u>Yabucoa Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Jul-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>698432</u>	<u>Hormigueros Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Aug-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>690721</u>	<u>Guayama Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Sep-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>678794</u>	<u>Ponce Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Sep-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>671396</u>	<u>Utua Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Sep-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>678789</u>	<u>Carolina Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Oct-23</u>	<u>MCW</u>	<u>\$16,024,560</u>
<u>666894</u>	<u>San Juan Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Nov-23</u>	<u>MCW</u>	<u>Pending Obligation</u>

<u>704679</u>	<u>Coamo Streetlighting</u>	<u>Jun-23 (Completed)</u>	<u>Nov-23</u>	<u>MCW</u>	<u>\$16,372,824</u>
<u>693788</u>	<u>Toa Alta Streetlighting</u>	<u>Aug-23 (Completed)</u>	<u>Sep-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>698570</u>	<u>Corozal Streetlighting</u>	<u>Aug-23 (Completed)</u>	<u>Sep-23</u>	<u>MCW</u>	<u>Pending Obligation</u>

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Distribution – Streetlighting (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Estimate*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>690483</u>	<u>Cayey Streetlighting</u>	<u>Aug-23 (Completed)</u>	<u>Sep-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>699814</u>	<u>Juana Diaz Streetlighting</u>	<u>Sept-23 (Completed)</u>	<u>Oct-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>701473</u>	<u>Canovanas Streetlighting</u>	<u>Sept-23 (Completed)</u>	<u>Nov-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>690480</u>	<u>Humacao Streetlighting</u>	<u>Sept-23 (Completed)</u>	<u>Nov-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>693543</u>	<u>Juncos Streetlighting</u>	<u>Oct-23 (Completed)</u>	<u>Nov-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>693615</u>	<u>Rio Grande Streetlighting</u>	<u>Sept-23 (Completed)</u>	<u>Nov-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>686482</u>	<u>Isabela Streetlighting</u>	<u>Sept-23 (Completed)</u>	<u>Nov-23</u>	<u>MCW</u>	<u>Pending Obligation</u>

<u>698522</u>	<u>Vieques Streetlighting</u>	<u>Sept-23 (Completed)</u>	<u>Feb-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>679780</u>	<u>Bayamon Streetlighting</u>	<u>Oct-23 (Completed)</u>	<u>Nov-23</u>	<u>MCW</u>	<u>\$21,886,903</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Distribution – Streetlighting (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Estimate*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>703535</u>	<u>Toa Baja Streetlighting</u>	<u>Oct-23 (Completed)</u>	<u>Jan-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>704744</u>	<u>San Sebastian Streetlighting</u>	<u>Oct-23 (Completed)</u>	<u>Dec-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>704931</u>	<u>Camuy Streetlighting</u>	<u>Oct-23 (Completed)</u>	<u>Dec-23</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>714641</u>	<u>Rincón Streetlighting</u>	<u>Oct-23 (Completed)</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>704929</u>	<u>San Lorenzo Streetlighting</u>	<u>Dec-23</u>	<u>Mar-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>697183</u>	<u>Vega Baja Streetlighting</u>	<u>Dec-23</u>	<u>Mar-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>704757</u>	<u>Santa Isabel Streetlighting</u>	<u>Dec-23 (Completed)</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>

<u>704938</u>	<u>Las Piedras Streetlighting</u>	<u>Dec-23</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>698579</u>	<u>Orocovis Streetlighting</u>	<u>Dec-23</u>	<u>Jun-24</u>	<u>MCW</u>	<u>Pending Obligation</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Distribution – Streetlighting (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Estimate*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>698511</u>	<u>Culebra Streetlighting</u>	<u>Dec-23</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>709631</u>	<u>Morovis Streetlighting</u>	<u>Dec-23</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>704943</u>	<u>Naranjito Streetlighting</u>	<u>Dec-23</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>704868</u>	<u>Ceiba Streetlighting</u>	<u>Dec-23</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>713795</u>	<u>Lares Streetlighting</u>	<u>Dec-23</u>	<u>Jun-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>724703</u>	<u>Arroyo Streetlighting</u>	<u>Dec-23</u>	<u>Jun-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>704849</u>	<u>Naguabo Streetlighting</u>	<u>Dec-23</u>	<u>Jul-24</u>	<u>MCW</u>	<u>Pending Obligation</u>

<u>724828</u>	<u>Loiza Streetlighting</u>	<u>Jan-24</u>	<u>Jan-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>704927</u>	<u>Añasco Streetlighting</u>	<u>Jan-24</u>	<u>Feb-24</u>	<u>MCW</u>	<u>Pending Obligation</u>

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission <u>EstimateDate</u>	Construction Start Estimate*	Self-Performed Work	Obligated <u>\$\$*</u>
<u>671400724603</u>	<u>Barceloneta Cabo Rojo Streetlighting</u>	<u>Jun-23 (Completed) Jan-24</u>	<u>Jun-23 (Started) Feb-24</u>	MCW	<u>Pending obligationObligation</u>
<u>666894704793</u>	<u>-San Juan Streetlighting Yauco Streetlight</u>	<u>Jun-23 Jan-24 (Completed)</u>	<u>Jun-23 (Started) Mar-24</u>	MCW	<u>Pending obligationObligation</u>
<u>671502724938</u>	<u>Yabucoa Vega Alta Streetlighting</u>	<u>Jun-23 (Completed) Jan-24</u>	<u>Jul-23 (Started) Apr-24</u>	MCW	<u>Pending obligationObligation</u>
<u>698432704921</u>	<u>Hormigueros Barranquitas Streetlighting</u>	<u>Jun-23 (Completed) Jan-24</u>	<u>Aug-23 (Started) Apr-24</u>	MCW	<u>Pending obligationObligation</u>
<u>678789704741</u>	<u>Carolina Streetlighting Moca Streetlight</u>	<u>Jun-23 Feb-24 (Completed)</u>	<u>Aug-23 (Started) Mar-24</u>	MCW	<u>Pending obligationObligation</u>
<u>690724724781</u>	<u>Guayama Penuelas Streetlighting</u>	<u>Jun-23 Feb-24 (Completed)</u>	<u>Oct-23 Mar-24</u>	MCW	<u>Pending obligationObligation</u>
<u>678794704862</u>	<u>Ponce Fajardo Streetlighting</u>	<u>Jun-23 (Completed) Feb-24</u>	<u>Oct-23 May-24</u>	MCW	<u>Pending obligationObligation</u>

<u>671396724599</u>	<u>Utta</u> de <u>Sabana</u> Grande Streetlighting	Jun-23 (Completed) <u>Feb-24</u>	Oct-23 <u>Jun-24</u>	MCW	Pending obligation <u>Obligation</u>
<u>704679724601</u>	<u>Coame</u> Salinas Streetlighting	Jun-23 (Completed) <u>Feb-24</u>	Aug-23 <u>Jun-24</u>	MCW	Pending obligation <u>Obligation</u>
693788	Tea-Alta Streetlighting	Aug-23 (Completed)	Sep-23 (Started)	MCW	Pending-obligation
698570	Corozal Streetlighting	Aug-23 (Completed)	Sep-23 (Started)	MCW	Pending-obligation

***The obligated amount represents the CRC net cost. A&E is not included in this amount.**

Distribution – Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> <u>Date</u>	Construction Start Estimate*	Self-Performed Work	Obligated \$\$ *
6904837 <u>24825</u>	Cayey <u>Cidra</u> Streetlighting	Aug-23 (Completed) <u>Feb-24</u>	Sep-23 (Started) <u>Jul-24</u>	MCW	Pending obligation <u>Obligation</u>
6797897 <u>24605</u>	Bayamon <u>Guayanilla</u> a Streetlighting	Aug-23 (Completed) <u>Mar-24</u>	Dec-23 <u>May-24</u>	MCW	Pending obligation <u>Obligation</u>
6998147 <u>24941</u>	Juana Diaz <u>Agua</u> <u>Buenas</u> Streetlighting	Sep-23 <u>Mar-24</u>	Dec-23 <u>May-24</u>	MCW	TBD <u>Pending Obligation</u>
6864827 <u>24600</u>	Isabela <u>Jayuya</u> Streetlighting	Sep-23 <u>Mar-24</u>	Nov-23 <u>Jun-24</u>	MCW	TBD <u>Pending Obligation</u>
7014737 <u>24669</u>	Canovanas <u>Ciales</u> Streetlighting	Sep-23 <u>Mar-24</u>	Dec-23 <u>Jun-24</u>	MCW	TBD <u>Pending Obligation</u>
6985227 <u>24716</u>	Vieques <u>Quebradilla</u> s Streetlighting	Sep-23 <u>Mar-24</u>	Feb <u>Jul-24</u>	MCW	TBD <u>Pending Obligation</u>
6904897 <u>24670</u>	Humacao <u>Patillas</u> Streetlighting	Sept-23 <u>Mar-24</u>	Feb <u>Jul-24</u>	MCW	TBD <u>Pending Obligation</u>
6936157 <u>24698</u>	Rio <u>Grande</u> <u>Adjuntas</u> Streetlighting	Sept-23 <u>Mar-24</u>	Nov-23 <u>Jul-24</u>	MCW	TBD <u>Pending Obligation</u>
7035357 <u>01472</u>	Toa Baja <u>Comerio</u> Streetlighting	Oct-23 <u>Mar-24</u>	Jan <u>Sep-24</u>	MCW	TBD <u>Pending Obligation</u>

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~~Distribution~~ — Streetlighting (continued)

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Estimate*	Self-Performed Work	Obligated \$
693543	-Juncos Streetlighting	Oct-23	Mar-24	MCW	TBD
704744	San-Sebastian Streetlighting	Oct-23	Feb-24	MCW	TBD
704931	-Camuy Streetlighting	Oct-23	Feb-24	MCW	TBD
714641	-Rincón Streetlighting	Oct-23	May-24	MCW	TBD
704757	Santa-Isabel Streetlighting	Oct-23	May-24	MCW	TBD
698579	Orocovis Streetlighting	Nov-23	Jun-24	MCW	TBD
704938	Las Piedras Streetlighting	Nov-23	May-24	MCW	TBD
713795	Lares Streetlighting	Nov-23	Jun-24	MCW	TBD
704929	-San Lorenzo Streetlighting	Nov-23	Mar-24	MCW	TBD

~~Distribution — Streetlighting (continued)~~

FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Estimate*	Self-Performed Work	Obligated \$
698511	-Gulebra Streetlighting	Nov-23	May-24	MCW	TBD
709631	Morevis Streetlighting	Nov-23	May-24	MCW	TBD
704943	Naranjito Streetlighting	Dec-23	May-24	MCW	TBD
697183	-Vega Baja Streetlighting	Dec-23	Mar-24	MCW	TBD
704849	-Naguabo Streetlighting	Dec-23	Jul-24	MCW	TBD
724703	Arroyo Streetlighting	Dec-23	Jun-24	MCW	TBD
704868	Coiba Streetlighting	Dec-23	May-24	MCW	TBD

IT & Telecom

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> <u>Date</u>	Construction Start Estimate*	Self-Performed Work	Obligated \$\$*
551925	SCADA Remote Access and RTU Replacements (Group 1)	Jul-22 (Completed)	Dec-23 Apr-24	MCW	Pending obligation Obligation
657300	Energy Management System (Phase I)	Aug-22 (Completed)	Aug-23 (Started)	CW/SPW	\$44,047,335 48,941,484
675345	IT OT Technology Systems Repairs	Mar Apr-23 (Completed)	Jan Dec-24	MCW	Pending obligation Obligation
662238 668665	Microwave PTP Backbone Cybersecurity Program Implementation	June May-23 (Completed)	Jan 24 May-25	MCW	TBD Pending Obligation
714654	Advanced Metering Infrastructure (AMI)	Jul-23 (Completed)	Apr Jun-24	MCW	Pending obligation \$873,848,901
551963	Transport Network	Jul-23 (Completed)	Sep-24	MCW	Pending obligation Obligation
662238	Microwave PTP Backbone	Jul-23 (Completed)	Apr 24	MCW	Pending obligation
551926	SCADA Remote Access and RTU Replacements (Group 2)	Sep-23 (Completed)	Apr-24 25	MSPW	TBD Pending Obligation
668665 673292	Cybersecurity Program Implementation Telecom Infrastructure Cerro Puntas	Sep Oct-23 (Completed)	Jan Dec-24	MCW	TBD Pending Obligation
551927	SCADA Remote Access and RTU Replacements (Group 3)	Oct 23 Jan-24	Jul-24	MSPW	TBD Pending Obligation
675406	LMR 2-Way Radio	Oct-23	May-24	MCW	TBD
673292 682334	RTU & Telecom Replacement Infrastructure Cerro Puntas	Nov 23 Mar-24	Jan Oct-24	MCW	TBD Pending Obligation

*The obligated amount represents the CRC net cost. A&E is not included in this amount.

Buildings and Systems

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission <u>Estimate</u> <u>Date</u>	Construction Start Date*	Self-Performed Work	Obligated <u>\$</u> *
679006	Test and Technology Laboratory (Equipment)	Nov-22 (Completed)	Apr-24	MCW	Pending obligation
657300	Energy Management System (Phase II Primary Control Center - PCC)	Jun-23 22 (Submitted) (Completed)	Dec-24	MCW	Pending obligation \$164,579,862
1695766790 06	Arecibo Regional Office Building Test and Technology Laboratory (Equipment)	Nov-23 22 (Completed)	Mar-25 Apr-24	MCW	TBD Pending Obligation
169798	Arecibo Electric Service Center	Nov-23	Mar-25	MCW	TBD
551247	Palo Seco South Building Repairs	Nov-23 Mar-24	May Sep-25	MCW	TBD Pending Obligation

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Vegetation

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available.

FEMA Project #	Project Name	DSOW Submission <u>Estimate Date</u>	Construction Start Date*	Self-Performed Work	Obligated \$\$*
723883	Islandwide Island Wide Vegetation Clearing: Region 1 San Juan Distribution — Group A	Jun-23 (initial submission) <u>(Completed)</u> Jul-23 (revised submission)	Dec-23 <u>Feb-24</u>	MCW	Pending Obligation
727694	Islandwide Vegetation Clearing: Region 1 San Juan Transmission/Distribution — 38 kV and below — Group B	Jul-23 (Submitted)	Jun-24	MCW	Pending obligation
727608	Islandwide Vegetation Clearing: Region 1 San Juan Transmission — 115 kV	Jul-23 (Submitted)	Jun-25	MCW	Pending obligation

728827	Islandwide Vegetation Clearing: Region 2 Arecibo Distribution—Group A	Jul-23 (Submitted)	Mar-24	MCW	Pending obligation
727540	Islandwide Vegetation Clearing: Region 2 Arecibo Transmission/Distribution—38 kV and below—Group B	Jul-23 (Submitted)	Jun-24	MCW	Pending obligation
727659	Islandwide Vegetation Clearing: Region 2 Arecibo Transmission—115 kV	Jul-23 (Submitted)	Jun-25	MCW	Pending obligation
727522	Islandwide Vegetation Clearing: Region 3 Bayamon Distribution—Group A	Jul-23 (Submitted)	Mar-24	MCW	Pending obligation
FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$
727572	Islandwide Island Wide Vegetation Clearing: Region 3 - Bayamon Transmission/Distribution—38 kV and below—Group BA	Jul-23 (Submitted) (Completed)	Jun Apr -24	MCW	Pending obligation Obligation
727558	Islandwide Vegetation Clearing: Region 3 Bayamon Transmission—115 kV	Jul-23 (Submitted)	Jun-25	MCW	Pending obligation
727692	Islandwide Island Wide Vegetation Clearing: Region 4 - Caguas Distribution—Group A	Jul-23 (Submitted) (Completed)	Mar Apr -24	MCW	Pending obligation Obligation
727694 728827	Island Wide Vegetation Clearing: Region 4-Caguas Transmission/Distribution—38 kV and below—2 - Arecibo Group BA	Jul-23 (Submitted) (Completed)	Jun May -24	MCW	Pending obligation Obligation

727606	Islandwide Vegetation Clearing: Region 4 Caguas Transmission — 115 kV	Jul-23 (Submitted)	Jun-25	MCW	Pending obligation
728832 727691	Islandwide Island Wide Vegetation Clearing: Region 5 Mayaguez Distribution — 1 San Juan Group AC	Jul-23 (Submitted) Completed	Mar-24 May-25	MCW	Pending obligation Obligation
727562 727540	Islandwide Island Wide Vegetation Clearing: Region 5 Mayaguez Transmission/Distribution — 38 kV and below — 2 Arecibo Group BC	Jul-23 (Submitted) Completed	Jun-24 May-25	MCW	Pending obligation Obligation
727657 727608	Islandwide Island Wide Vegetation Clearing: Region 5 Mayaguez 1 San Juan Transmission — 115 kV	Jul-23 (Submitted) Completed	Jun-25 Jul-26	MCW	Pending obligation Obligation
FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$
727531	Islandwide Vegetation Clearing: Region 6 Ponce Distribution — Group A	Jul-23 (Submitted)	Mar-24	MCW	Pending obligation
727530	Islandwide Vegetation Clearing: Region 6 Ponce Transmission/Distribution — 38 kV and below — Group B	Jul-23 (Submitted)	Jun-24	MCW	Pending obligation
727529	Islandwide Vegetation Clearing: Region 6 Ponce Transmission — 115 kV	Jul-23 (Submitted)	Jun-25	MCW	Pending obligation
TBD	Islandwide Vegetation Clearing: 230 kV Transmission	Sep-23	Jul-26	MCW	TBD

TBD	Islandwide Vegetation Clearing: Region 1 San Juan Substations & Telecommunications Sites	Sep-23	Aug-26	MCW	TBD
TBD	Islandwide Vegetation Clearing: Region 2 Arecibo Substations & Telecommunications Sites	Sep-23	Aug-26	MCW	TBD
TBD	Islandwide Vegetation Clearing: Region 3 Bayamon Substations & Telecommunications Sites	Sep-23	Aug-26	MCW	TBD
TBD	Islandwide Vegetation Clearing: Region 4 Caguas Substations & Telecommunications Sites	Sep-23	Aug-26	MCW	TBD
FEMA Project #	Project Name	DSOW Submission Estimate	Construction Start Date*	Self-Performed Work	Obligated \$
TBD	Islandwide Vegetation Clearing: Region 5 Mayaguez Substations & Telecommunications Sites	Sep-23	Aug-26	MCW	TBD
TBD	Islandwide Vegetation Clearing: Region 6 Ponce Substations & Telecommunications Sites	Sep-23	Aug-26	MCW	TBD

*The obligated amount represents the CRC net cost. A&E is not included in this amount

Vegetation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>727522</u>	<u>Island Wide Vegetation Clearing: Region 3 - Bayamon Distribution – 115kV</u>	<u>Jul-23 (Completed)</u>	<u>Jul-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>727558</u>	<u>Island Wide Vegetation Clearing: Region 3 - Bayamon Group C</u>	<u>Jul-23 (Completed)</u>	<u>May-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>727562</u>	<u>Island Wide Vegetation Clearing: Region 5 - Mayaguez Group C</u>	<u>Jul-23 (Completed)</u>	<u>May-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>727694</u>	<u>Island Wide Vegetation Clearing: Region 4 0 Caguas Group C</u>	<u>Jul-23 (Completed)</u>	<u>May-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>727530</u>	<u>Island Wide Vegetation Clearing: Region 6 - Ponce Group C</u>	<u>Jul-23 (Completed)</u>	<u>May-25</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>728832</u>	<u>Island Wide Vegetation Clearing: Region 5 Mayaguez Group A</u>	<u>Jul-23 (Completed)</u>	<u>Jun-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>727531</u>	<u>Island Wide Vegetation Clearing: Region 6 - Ponce Group A</u>	<u>Jul-23 (Completed)</u>	<u>Jun-24</u>	<u>MCW</u>	<u>Pending Obligation</u>

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Vegetation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>727606</u>	<u>Island Wide Vegetation Clearing: Region 4 - Caguas - 115 kV</u>	<u>Jul-23 (Completed)</u>	<u>Jul-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>727659</u>	<u>Island Wide Vegetation Clearing: Region 2 - Arecibo Transmission – 115 kV</u>	<u>Jul-23 (Completed)</u>	<u>Jul-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>727657</u>	<u>Island Wide Vegetation Clearing: Region 5 - Mayaguez Transmission - 115 kV</u>	<u>Jul-23 (Completed)</u>	<u>Jul-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>727529</u>	<u>Island Wide Vegetation Clearing: Region - 6 Ponce Transmission – 115 kV</u>	<u>Jul-23 (Completed)</u>	<u>Jul-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>740406</u>	<u>Island Wide Vegetation Clearing: Region 1 - San Juan Group B</u>	<u>Nov-23 (Completed)</u>	<u>Mar-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>740708</u>	<u>Island Wide Vegetation Clearing: Region 3 - Bayamon Group B</u>	<u>Nov-23 (Completed)</u>	<u>Apr-24</u>	<u>MCW</u>	<u>Pending Obligation</u>

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Vegetation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>740409</u>	<u>Island Wide Vegetation Clearing: Region 4 - Caguas Group B</u>	<u>Dec-23 (Completed)</u>	<u>Apr-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>740410</u>	<u>Island Wide Vegetation Clearing: Region 2 - Arecibo Group B</u>	<u>Dec-23 (Completed)</u>	<u>May-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>740411</u>	<u>Island Wide Vegetation Clearing: Region 5 - Mayaguez Group B</u>	<u>Dec-23 (Completed)</u>	<u>Jun-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>740414</u>	<u>Island Wide Vegetation Clearing: Region 6 - Ponce Group B</u>	<u>Dec-23 (Completed)</u>	<u>Jun-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>Island Wide Vegetation Clearing: All Regions Transmission - 230 kV</u>	<u>Dec-23 (Completed)</u>	<u>Jul-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>Island Wide Vegetation Clearing: Region 1 San Juan Substations & Telecommunications Sites</u>	<u>Dec-23 (Completed)</u>	<u>Aug-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>FAASt number pending</u>	<u>Island Wide Vegetation Clearing: Region 2 Arecibo Substations & Telecommunications Sites</u>	<u>Dec-23 (Completed)</u>	<u>Aug-26</u>	<u>MCW</u>	<u>Pending Obligation</u>

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Vegetation (continued)

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>FAAST number pending</u>	<u>Island Wide Vegetation Clearing: Region 3 Bayamon Substations & Telecommunications Sites</u>	<u>Dec-23 (Completed)</u>	<u>Aug-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>FAAST number pending</u>	<u>Island Wide Vegetation Clearing: Region 4 Caguas Substations & Telecommunications Sites</u>	<u>Dec-23 (Completed)</u>	<u>Aug-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>FAAST number pending</u>	<u>Island Wide Vegetation Clearing: Region 5 Mayaguez Substations & Telecommunications Sites</u>	<u>Dec-23 (Completed)</u>	<u>Aug-26</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>FAAST number pending</u>	<u>Island Wide Vegetation Clearing: Region 6 Ponce Substations & Telecommunications Sites</u>	<u>Dec-23 (Completed)</u>	<u>Aug-26</u>	<u>MCW</u>	<u>Pending Obligation</u>

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Grid Modernization

*Construction start dates assume timely FEMA obligation of the relevant DSOWs and approval of the underlying contracts by the Financial Oversight and Management Board and P3A, if required. LUMA will be ready to proceed with construction or as soon thereafter as necessary supplies are available

<u>FEMA Project #</u>	<u>Project Name</u>	<u>DSOW Submission Date</u>	<u>Construction Start Date*</u>	<u>Self-Performed Work</u>	<u>Obligated \$*</u>
<u>FAAST number pending</u>	<u>Vieques & Culebra Microgrid</u>	<u>Jan-24</u>	<u>Nov-24</u>	<u>MCW</u>	<u>Pending Obligation</u>
<u>738671</u>	<u>100 MW Battery</u>	<u>Mar-24</u>	<u>Oct-24</u>	<u>MCW</u>	<u>Pending Obligation</u>

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IV. Self-Performing Work

LUMA will continue to execute self-performing work in the following categories:

- Pole/conductor replacements
- Structure replacements
- Hardware/insulator replacements
- Streetlights
- Substation, feeder, and line minor repairs
- Communication network and grid automation
- Equipment replacements
- Civil and low-voltage work to support projects

We will continue to refine this section in collaboration with P3A as we move forward.