

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

NEPR

Received:

Feb 17, 2023

5:11 PM

IN RE: REVIEW OF LUMA'S INITIAL
BUDGETS

CASE NO. NEPR-MI-2021-0004

**SUBJECT: Motion Submitting Information
Delivered by the Puerto Rico Electric Power
Authority in Compliance with Resolution and Order
dated February 10, 2023**

**MOTION SUBMITTING INFORMATION DELIVERED BY THE PUERTO RICO
ELECTRIC POWER AUTHORITY IN COMPLIANCE WITH RESOLUTION AND
ORDER DATED FEBRUARY 10, 2023**

TO THE HONORABLE PUERTO RICO ENERGY BUREAU:

COME NOW LUMA Energy, LLC ("ManagementCo"), and **LUMA Energy ServCo, LLC** ("ServCo"), (jointly referred to as "LUMA"), and respectfully state and request the following:

1. On February 10, 2023, the honorable Energy Bureau issued a Resolution and Order whereby it ordered the Puerto Rico Electric Power Authority ("PREPA") to present to LUMA for LUMA to file with the Energy Bureau (i) all the documentation PREPA submitted to the Federal Oversight Management Board ("FOMB") in connection with a certain letter dated January 11, 2023, from PREPA to the FOMB; and (ii) copy of the contracts that PREPA has subscribed in the past six (6) months regardless of their amount.

2. As per the Resolution and Order, through its January 11th letter, PREPA responded to a request for information from the FOMB in connection with PREPA's "request to amend and recertify the FY2023 PREPA Certified Budget to address certain operational and maintenance needs...". February 10th Order at page 1.

3. In compliance with the February 10th Order, LUMA hereby submits as *Exhibit 1* herein, on behalf of PREPA, the documents produced by PREPA in response to the February 10th Order.¹

4. LUMA also submits on behalf of PREPA, as *Exhibit 2 (as an Excel native file)*, a list of the contracts executed by PREPA between August 1, 2022 and February 1, 2023. Finally, as *Exhibit 3* submitted on behalf of PREPA herein, LUMA includes copy of the PREPA contracts in compliance with the February 10th Order.²

WHEREFORE, LUMA respectfully requests that the honorable Bureau **take notice** of the aforementioned for all purposes.

RESPECTFULLY SUBMITTED.

In San Juan, Puerto Rico, this 17th day of February, 2023.

We hereby certify that this motion was filed using the electronic filing system of this Energy Bureau. We also certify that copy of this motion will be notified to the Puerto Rico Electric Power Authority, through its attorneys of record: jmarrero@diazvaz.law and kbolanos@diazvaz.law.



DLA Piper (Puerto Rico) LLC
500 Calle de la Tanca, Suite 401
San Juan, PR 00901-1969
Tel. 787-945-9107
Fax 939-697-6147

/s/ *Margarita Mercado Echegaray*
Margarita Mercado Echegaray
RUA NÚM. 16,266
margarita.mercado@us.dlapiper.com

/s/ *Ana Margarita Rodríguez Rivera*
Ana Margarita Rodríguez Rivera
RUA Núm. 16195
ana.rodriguez@us.dlpapiper.com

¹ LUMA has not reviewed the information submitted on behalf of PREPA herewith.

² Due to the volume of *Exhibit 3*, the same is being submitted in a sharefile link sent to the Energy Bureau vía email on this same date.

Exhibit 1

(January 11th letter from PREPA to FOMB)



GOVERNMENT OF PUERTO RICO

PUERTO RICO ELECTRIC POWER AUTHORITY

Executive Director | Josué A. Colón Ortiz | director_ejecutivo@prepa.com


January 11, 2023

ELECTRONIC MAIL

Jaime A. El Koury
General Counsel
Financial Oversight and Management
Board for Puerto Rico (FOMB)
PO Box 192018
San Juan, Puerto Rico 00919-2018

Dear Mr. El Koury:

The Puerto Rico Electric Power Authority ("PREPA") is in receipt of the Fiscal Oversight and Management Board's (FOMB) letter dated December 27, 2022 (the December 27th Letter), regarding PREPA's request that the FY2023 PREPA Certified Budget be amended and recertified to address certain operational and maintenance needs. In said letter, the FOMB requests information it deems necessary to determine the appropriateness of PREPA's request.



PREPA would like to stress that since the current executive management team accepted the challenge of leading PREPA's operations during the third quarter of calendar year 2021, FOMB representatives have been directly and repeatedly informed (verbally and in writing) by PREPA representatives of the dire need to repair and maintain certain key generation units. From the onset, the newly named PREPA management team, led by the undersigned, met with Ms. Natalie Jaresko and Mr. Alejandro Figueroa, to inform and explain that the fiscal year 2021-2022 (FY2022) budget was insufficient to cover the projected repairs and maintenance needs of the legacy generation system. At the end of the fiscal year, PREPA invested all the approved FY2022 Budget for Necessary Maintenance Expenses (NME) to conduct repairs work in several generating units.

Notwithstanding PREPA's repairs projects completed during FY2022, those projects did not correct all the actual deficiencies in the legacy generation system and, thus, this system continues in need of repairs. To that end, PREPA respectfully requested that the FOMB urgently approve the amendment to the fiscal year 2022-2023 (FY2023) budget to allow PREPA to comply with its obligations and continue stabilizing the generation system and energy supply in Puerto Rico.



PO Box 364267 San Juan, Puerto Rico 00936-4267

"We are an equal opportunity employer and do not discriminate on the basis of race, color, gender, age, national or social origin, social status, political ideas or affiliation, religion; for being or perceived to be a victim of domestic violence, sexual aggression or harassment, regardless of marital status, sexual orientation, gender identity or immigration status; for physical or mental disability, for veteran status or genetic information."

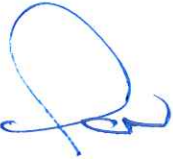
To support FOMB's decision-making process, below PREPA provides the requested clarifications and information for each of the items included in FOMB's December 27th Letter:

1. An updated Budget-to-Actual ("B2A") report for the most recent quarter of FY2023.

PREPA is providing its most recent quarterly FY2023 B2A report (September) and most recent monthly FY2023 B2A report (October 2022) (See Exhibit A, attached). Additionally, PREPA will submit an updated monthly B2A report (November 2022) on January 17, as required under the FY2023 Certified Fiscal Plan.

2. Confirmation on whether PREPA intends to use \$200 million of FEMA reimbursement funds to initiate projects that will later also be reimbursed by FEMA.

PREPA confirms that it intends to use reimbursement funds from the Federal Emergency Management Agency (FEMA) to initiate Federally Funded Projects that have been and will be authorized by FEMA and the Puerto Rico Energy Bureau (PREB), which will be reimbursed by FEMA. Please see response to item # 7 for additional context.

- 
3. As stated in the December 8, 2022 Letter, the FEMA reimbursement funds mentioned are not part of and currently have no impact on the FY2023 PREPA Certified Budget. Also, you stated that those funds are not derived from the sale of energy during FY2023. As such, please provide a complete and detailed description of the source of funds of the reimbursements received including: (a) year, (b) FEMA PW source, (c) type of project, (d) classification (T&D or Generation), and (e) any other supporting documentation that clearly describes and identifies the origin of the funding.

PREPA reiterates that the statement regarding the FEMA reimbursement funds in its December 8, 2022 letter is correct. Please see the attached Exhibit B, which shows the information requested in this item regarding the origin of the funding.

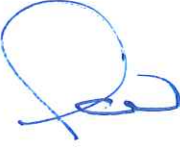
4. PREPA seeks authorization to increase the FY2023 PREPA Certified Budget by \$200 million to undertake much needed works, including but not limited to, engineering tasks and the projects listed on Appendix A to the December 8, 2022 Letter. However, not all projects listed in Appendix A include a cost and the sum of the costs included exceeds the requested \$200 million budget increase request by approximately \$2.7 million. Please explain such variance.

Please see an updated and revised project list included as Exhibit C. As stated in PREPA's December 8, 2022 letter, which formally requests the amendment and recertification of the Fiscal Year 2023 Certified Budget (the

December 8 Letter), PREPA sought authorization to increase the FY2023 Budget by \$200 million to undertake much needed works, including (but not limited) engineering tasks and the PREB approved projects listed on the attached Appendix A. The request included a table which broke down the petition into the following major categories:

Expenses	Amount
Federally Funded Projects	\$140,000,000.00
Necessary Maintenance Expenses	\$40,000,000
Operational Works	\$20,000,000
Total:	\$200,000,000

The fact that the total amount of this petition and the total amount of the PREB approved projects, which have in turn been authorized by FEMA under various Project Worksheets (PWs) of \$202,687,713.17, is merely coincidental. Furthermore, the December 8 Letter states that said projects would initially be funded by the FEMA reimbursement funds received. As such, there is no variance between the budget amount increase and the total amount of the PREB approved projects.

- 
5. The Oversight Board's staff held several working sessions with PREPA to discuss a possible budget amendment. During the discussions held, PREPA mentioned that it would potentially request to increase the budget by approximately \$140 million, as opposed to \$200 million mentioned. Please explain the inconsistency between the two amounts and why an additional \$60 million are needed.


Various working sessions were held with the FOMB to seek guidance and to establish the framework for a possible budget increase request. During these working sessions, many of the necessary works to be undertaken were discussed as well as the initial source of funds. FEMA reimbursements and how most of the related projects needed would proceed was the primary focus of the sessions. The need for additional funding for non-FEMA eligible projects and operational expenses was asked and discussed.

When FOMB staff inquired about the estimated budgetary need, PREPA estimated that \$140,000,000 would be sufficient to undertake the PREB and FEMA approved projects, without including any amounts for either non-FEMA eligible projects or operational expenses. Upon completion of the working session, PREPA staff set out to draft the formal request and the PREPA agreed upon necessary budgetary increase was that of \$200,000,000.

After consulting with its advisors and analyzing the process to access federal funding, PREPA hereby amends the December 8 request, and is solely requesting that FOMB authorize an amendment to the FY2023 Budget

to allow for an incremental \$20 million in operational expenses and \$40 million in NME, as allocated in the attached tables (See Exhibit E). Please, see the explanation below in item # 7 for further clarification on this request.

When the December 8 Letter requesting the budget amendment was drafted, PREPA's FEMA reimbursement account totaled \$372 million. This total consisted of \$147 million of restricted COR3 advances, \$25 million were earmarked for fuel payments, and a remaining balance of \$200 million. The budget amendment request was to be funded by FEMA cash reimbursements from that account and not from the sale of energy, so the \$200 million was divided between the \$60 million needed for NME and operational expenses and a remainder of \$140 million, for federally funded projects.

- 
6. Appendix A to the December 8, 2022 Letter includes a list of 104 projects, which you mention have been authorized by the Puerto Rico Energy Bureau under multiple Resolutions and Orders. Please identify the Resolutions and Orders that authorize each project. Additionally, please provide a chronological timeline for these projects, with start and completion dates, based on their priority, as discussed on our working session held on November 16, 2022. Please inform whether PREPA understands it will be able to undergo these works during FY2023, along with completing the projects that are currently contemplated in the FY2023 PREPA Certified Budget.


The list of projects in Appendix A of PREPA's December 8 letter includes those generation repairs projects or scope of works (SOWs) submitted for PREB's approval since January 2022. Hereby, we clarify that not all the SOWs listed in Appendix A have been approved by the PREB. For more clarification of this matter, please see Exhibits C and D. Exhibit C shows the PREB's approval status of each SOW submitted by PREPA and the date of the Resolution and Order approving or deferring the SOW. In addition, the Exhibit D lists the commencement and completion dates of the 104 SOWs and shows that there are projects that were already completed.

7. The December 8, 2022 Letter provides a table dividing the \$200 million requested amount into three expense categories or line items: Federally Funded Projects, Necessary Maintenance Expenses, and Operational Works. These line items do not exist in the FY2023 PREPA Certified Budget. Please provide clarification on the \$200 million proposed budget allocation; specifically, if the request is to only increase GenCo's Maintenance line item or if you are suggesting the addition of new expense line items. Additionally, please confirm the proposed allocation between the proposed line items.

After consulting with its advisors and analyzing the process to access federal funding, PREPA hereby amends the December 8 request, and is

solely requesting that FOMB authorize an amendment to the FY2023 Budget to allow for an incremental \$20 million in operational expenses and \$40 million in Necessary Maintenance Expense, as allocated in the tables in Exhibit E.

PREPA further clarifies that it has concluded that there is no requirement that would merit the creation of a new budget expense line items for Federally Funded Projects in the FY2023 PREPA Certified Budget nor is there a need for an amendment to the FY2023 Budget to allow for execution of the Federally Funded Projects. For Federally Funded Projects, PREPA will move forward with permanent work with the condition that the proposed project or scope of work must be formally authorized by PREB and FEMA, through a FEMA approved Project Worksheet (PW), and must be 100% reimbursable from federal and local government sources. As a result, the works undertaken related to the new account(s) will have no impact on the FY2023 PREPA Certified Budget since the funds for said projects will not be derived from the sale of energy.

- 
8. In the November 16, 2022 working session, PREPA mentioned that B2A reports are being prepared and submitted on a cash basis. In order to correctly validate how the budget stands against FY2023 PREPA Certified Budget line-items, please provide the latest B2A report using the modified accrual basis. Also, please provide the status and dollar amount of the projects under procurement process that are expected to be obligated during FY2023.

PREPA hereby corrects and clarifies that FY2023 B2A reports have been and will continue to be presented using the modified accrual accounting basis. For example, PREPA does not present monthly cash payments to fuel suppliers in the "Fuel Expense" line item, but rather presents the accounting cost of fuel consumed from fuel inventory, which is consistent with figures presented and used in the PREB reconciliation process.

Regarding the request for status and dollar amount of projects to be obligated during FY2023, PREPA does not have direct line-of-sight into FEMA's process and expected timeline for obligating projects, in order to provide the requested information. However, PREPA has provided the available status information on proposed project costs and approvals from FEMA and PREB in the response document referenced in Exhibits C and D.

9. During conversations held between PREPA and the Oversight Board's staff, PREPA stated that many of the proposed maintenance projects ended up not being executed due to the PREPA Governing Board not authorizing a certification of funds if such certification did not cover 100% of the proposed projects. Please explain how the requested amendment and recertification of the FY2023 PREPA Certified Budget compares to the requests being made to the PREPA Governing

Board based on requirements established by the entity's bylaws. Please also provide the bylaws where such policy, regarding the certification of funds authorization, is stated.

The requested \$60 million FY2023 budget amendment is sized to deal with projected FY2023 operational and maintenance expenditures, as set forth in Exhibit E. As explained in the meeting held with FOMB representatives, these expenditures are necessary to ensure that PREPA can continue to responsibly comply with its operational and legal obligations, which includes ensuring the availability of sufficient generation capacity to supply energy to customers.

The statements made in the meeting were relevant to projects that have long-lead times and/or are multi-year projects, or for which there is not sufficient budgeted funding on a particular year. The fund certification process does not emanate from the Governing Board's bylaws. Instead, it is a sound administrative practice, put in place by the Governing Board, to ensure that there is sufficient funding available for any project or contract presented for approval before the Governing Board.

For additional background regarding the requested FY2023 budget amendment amounts, please refer to PREPA's responses to items # 7 and 8.

PREPA appreciates the FOMB's attention in this matter and is able to provide supplemental information or clarification as deemed necessary.

Cordially,



Josué A. Colón Ortiz
Executive Director

Annexes

Financial Oversight & Management Board for Puerto Rico

Puerto Rico Electric Power Authority

Report Date

12/15/2022



[Handwritten signature]

I. Table of Contents ("CTRL + [" to go to each file)

Financial:

- 1 FY23 Monthly B2A Summary
- 2 FY23 Monthly Revenues
- 3 FY23 Monthly Expenses
- 4 Variance Detail

General Text Color Guides

Text Colors:

- Black
 - Green
 - Blue
 - Red
- (Intra Sheet) Formulas*
Link to another Tab
Hardcoded figures
Key Assumption

FY23 Monthly B2A Summary

(\$ millions)

	October-22				YTD			
	Oct-22 Budget	Oct-22 Actual	Oct-22 Variance (\$)	Oct-22 Variance (%)	YTD Budget	YTD Actual	YTD Variance (\$)	YTD Variance (%)
Summary								
A. Revenue								
Total Gross Revenue	455	368	(87)	(19.1%)	1,856	1,743	(113)	(6.1%)
Other Income	3	1	(2)	(67.9%)	12	11	(1)	(11.1%)
Total Unconsolidated Revenue	\$ 458	\$ 369	\$ (89)	(19.4%)	\$ 1,868	\$ 1,754	\$ (115)	(6.1%)
Bad Debt Expense	(6)	-	6	(100.0%)	(25)	(1)	24	(97.2%)
CILT & Subsidies	(31)	(0)	31	(98.9%)	(127)	(94)	33	(26.0%)
Total Consolidated Revenue	\$ 421	\$ 369	\$ (52)	(12.4%)	\$ 1,717	\$ 1,659	\$ (58)	(3.4%)
B. Expenses								
Fuel & Purchased Power	\$ 330	\$ 328	\$ 2	0.5%	\$ 1,325	\$ 1,271	\$ 54	4.1%
GenCo:								
GenCo Labor Operating Expenses	\$ 7	\$ 7	\$ 1	10.4%	\$ 29	\$ 26	\$ 3	10.6%
GenCo Non-Labor/Other Operating Expense	\$ 5	\$ 8	\$ (3)	(57.2%)	\$ 20	\$ 23	\$ (3)	(14.4%)
Shared Services Agreement Impact	\$ 5	\$ 5	\$ (0)	(0.4%)	\$ 20	\$ 19	\$ 0	2.3%
Total GenCo Maintenance Projects Expense	\$ 8	\$ 7	\$ 1	11.9%	\$ 33	\$ 18	\$ 15	45.3%
Federal Funding Cost Share	\$ -	\$ -	\$ -	n.a.	\$ -	\$ -	\$ -	n.a.
Total GenCo Operating & Maintenance Expenses	\$ 25	\$ 27	\$ (1)	(4.3%)	\$ 102	\$ 86	\$ 16	15.4%
HoldCo:								
HoldCo Labor Operating Expenses	\$ 1	\$ 1	\$ (0)	(13.7%)	\$ 4	\$ 5	\$ (1)	(26.0%)
HoldCo Non-Labor / Other Operating Expenses	\$ 5	\$ 3	\$ 2	41.3%	\$ 22	\$ 18	\$ 4	19.2%
Total HoldCo Operating Expenses	\$ 7	\$ 4	\$ 2	32.6%	\$ 26	\$ 23	\$ 3	12.0%
GridCo:								
Total GridCo Operating & Maintenance Expenses	\$ 63	\$ -	\$ 63	100.0%	\$ 257	\$ 165	\$ 92	35.7%
Total Expenses	\$ 425	\$ 359	\$ 66	15.47%	\$ 1,710	\$ 1,546	\$ 164	9.61%
C. Net Balance	\$ (4)	\$ 10	\$ (14)	346.87%	\$ 7	\$ 114	\$ (107)	-1575.26%

FY23 Monthly Revenues

	July-22				August-22				September-22				October-22				YTD			
	July-22 Budget	July-22 Actual	July-22 Variance (\$)	July-22 Variance (%)	Aug-22 Budget	Aug-22 Actual	Aug-22 Variance (\$)	Aug-22 Variance (%)	Sep-22 Budget	Sep-22 Actual	Sep-22 Variance (\$)	Sep-22 Variance (%)	Oct-22 Budget	Oct-22 Actual	Oct-22 Variance (\$)	Oct-22 Variance (%)	YTD Budget	YTD Actual	YTD Variance (\$)	YTD Variance (%)
Basic Revenue																				
1 Residential	40	38	(2)	(4.5%)	30	33	(3)	(7.2%)	38	35	(3)	(7.6%)	38	35	(3)	(7.6%)	155	152	(3)	(1.9%)
2 Commercial	13	12	(1)	(7.7%)	50	43	(7)	(14.0%)	51	40	(11)	(21.6%)	52	40	(12)	(23.1%)	208	182	(26)	(12.5%)
3 Industrial	9	8	(1)	(11.1%)	9	9	0	0.0%	9	9	0	0.0%	9	8	(1)	(11.1%)	35	34	(1)	(2.9%)
4 Public Lighting	5	4	(1)	(20.0%)	5	5	0	0.0%	5	5	0	0.0%	5	5	0	0.0%	20	18	(2)	(10.0%)
5 Agricultural	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	1	1	0	0.0%
6 Others	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	1	1	0	0.0%
Total Basic Revenue	105	72	(33)	(31.6%)	103	93	(11)	(10.3%)	107	98	(9)	(8.6%)	104	78	(26)	(25.1%)	424	340	(84)	(19.8%)
Fuel & Purchased Power																				
7 Residential	160	176	16	9.4%	146	135	(11)	(7.6%)	142	116	(26)	(18.0%)	135	96	(39)	(28.9%)	577	526	(51)	(8.8%)
8 Commercial	145	128	(17)	(11.7%)	144	144	0	0.0%	145	130	(15)	(10.3%)	142	129	(13)	(9.2%)	575	591	16	2.8%
9 Industrial	36	44	8	22.2%	37	37	0	0.0%	35	29	(6)	(17.1%)	33	30	(3)	(9.1%)	140	139	(1)	(0.7%)
10 Public Lighting	4	6	2	50.0%	4	6	2	50.0%	4	5	1	25.0%	4	7	3	75.0%	17	23	6	35.3%
11 Agricultural	0	1	1	100.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	3	3	0	0.0%
12 Others	1	1	0	0.0%	1	1	0	0.0%	1	1	0	0.0%	1	1	0	0.0%	3	3	0	0.0%
Total Purchased Power	337	415	79	23.5%	332	323	(9)	(2.7%)	326	281	(45)	(13.8%)	319	265	(54)	(16.9%)	1,314	1,285	(29)	(2.2%)
GLT																				
13 Residential	5	6	1	20.0%	4	4	0	0.0%	4	4	0	0.0%	4	3	(1)	(25.0%)	18	17	(1)	(5.6%)
14 Commercial	4	6	2	50.0%	4	5	1	25.0%	4	4	0	0.0%	5	3	(2)	(40.0%)	18	19	1	5.6%
15 Industrial	1	2	1	100.0%	1	1	0	0.0%	1	1	0	0.0%	1	1	0	0.0%	4	4	0	0.0%
16 Public Lighting	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	1	1	0	0.0%
17 Agricultural	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%
18 Others	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%
Total GLT	10	14	4	39.1%	10	10	0	0.0%	10	10	0	0.0%	10	7	(3)	(30.0%)	41	41	0	0.0%
Subsidies																				
19 Residential	10	10	0	0.0%	10	8	(2)	(20.0%)	9	7	(2)	(22.2%)	10	7	(3)	(30.0%)	38	32	(6)	(15.8%)
20 Commercial	9	10	1	11.1%	9	8	(1)	(11.1%)	8	8	0	0.0%	10	9	(1)	(10.0%)	38	35	(3)	(7.9%)
21 Industrial	2	2	0	0.0%	2	2	0	0.0%	2	2	0	0.0%	2	2	0	0.0%	9	8	(1)	(11.1%)
22 Public Lighting	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	1	1	0	0.0%
23 Agricultural	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%
24 Others	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0	0	0.0%
Total Subsidies	22	23	1	4.5%	22	18	(4)	(18.2%)	21	18	(3)	(14.3%)	22	18	(4)	(18.2%)	87	77	(10)	(11.5%)
Total Revenue																				
25 Other income	474	525	51	10.7%	467	444	(23)	(4.9%)	460	406	(54)	(11.7%)	455	368	(87)	(19.1%)	1,856	1,743	(113)	(6.1%)
26 Total Unconsolidated Revenue	5	5	0	0.0%	5	5	0	0.0%	5	5	0	0.0%	5	5	0	0.0%	20	20	0	0.0%
27 Bad Debt Expense	(6)	(6)	0	0.0%	(6)	(6)	0	0.0%	(6)	(6)	0	0.0%	(6)	(6)	0	0.0%	(25)	(25)	0	0.0%
Total Consolidated Revenue	478	524	46	9.6%	470	443	(27)	(5.7%)	464	405	(59)	(12.7%)	460	367	(93)	(20.2%)	1,881	1,768	(113)	(6.0%)

FY23 Monthly Expenses

(\$ million)

	July 22			August 22			September 22			October 22			YTD		
	July 22 Budget	July 22 Actual	July 22 Variance (b)	Aug 22 Budget	Aug 22 Actual	Aug 22 Variance (b)	Sep 22 Budget	Sep 22 Actual	Sep 22 Variance (b)	Oct 22 Budget	Oct 22 Actual	Oct 22 Variance (b)	YTD Budget	YTD Actual	YTD Variance (b)
A. Fuel and Purchased Power															
31	363	353	10	359	361	(2)	335	318	16	257	255	2	1,014	987	27
32	68	64	3	75	70	5	73	59	14	66	68	(2)	282	262	20
33	6	7	(1)	8	7	1	6	3	3	5	2	2	29	22	7
30	339	324	14	342	338	5	314	281	33	330	318	12	1,282	1,271	11
			4.2%			1.5%			10.6%			0.5%			4.1%
B. Gridco, Generation & Maintenance Expenses															
Gridco															
31	4	3	0	4	3	1	4	3	0	4	3	1	15	13	2
32	2	2	0	2	2	0	2	2	0	2	2	0	10	7	3
33	1	1	0	1	1	0	1	1	0	1	1	0	4	5	(1)
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0.0%			0.0%			0.0%			0.0%			0.0%
Generation															
35	7	2	5	7	6	1	7	5	2	7	5	2	20	23	(3)
36	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
37	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
38	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
39	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
40	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
41	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
42	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
			0.0%			0.0%			0.0%			0.0%			0.0%
Maintenance															
43	5	4	1	5	6	(1)	5	4	1	5	8	(3)	20	23	(3)
			18.8%			(20.0%)			20.0%			(60.0%)			(30.0%)
			12.3%			(15.3%)			11.3%			(10.4%)			2.3%
Non-Labor/Other Operating Expenses															
35	2	2	0	2	3	(1)	2	3	(1)	2	2	0	7	10	(3)
36	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
37	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
38	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
39	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
40	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
41	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
42	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
			0.0%			0.0%			0.0%			0.0%			0.0%
C. Gridco, Generation & Maintenance Expenses															
Gridco															
44	8	0	8	8	4	4	8	6	2	8	7	1	33	31	2
45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			99.8%			45.7%			25.0%			12.5%			45.3%
			n.a.			n.a.			n.a.			n.a.			n.a.
Generation															
46	1	1	0	1	1	0	1	1	0	1	1	0	3	3	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0.0%			0.0%			0.0%			0.0%			0.0%
Maintenance															
49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0.0%			0.0%			0.0%			0.0%			0.0%
Non-Labor/Other Operating Expenses															
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			0.0%			0.0%			0.0%			0.0%			0.0%
D. Gridco, Generation & Maintenance Expenses															
60	21	24	(3)	21	23	2	21	24	(3)	20	24	(4)	84	65	19
61	25	19	6	25	23	2	24	24	0	24	24	0	98	65	33
62	10	10	0	10	10	0	10	10	0	10	10	0	40	40	0
63	1	1	0	1	1	0	1	1	0	1	1	0	4	4	0
64	5	56	(51)	5	60	(55)	5	49	4	5	7	(2)	27	165	(138)
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%
			50.7%			44.0%			75.5%			100.0%			68.8%
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%
			50.7%			44.0%			75.5%			100.0%			68.8%
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%
			50.7%			44.0%			75.5%			100.0%			68.8%
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%
			50.7%			44.0%			75.5%			100.0%			68.8%
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%
			50.7%			44.0%			75.5%			100.0%			68.8%
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%
			50.7%			44.0%			75.5%			100.0%			68.8%
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%
			50.7%			44.0%			75.5%			100.0%			68.8%
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%
			50.7%			44.0%			75.5%			100.0%			68.8%
			11.8%			6.1%			26.3%			100.0%			35.7%
			(13.9%)			(7.3%)			60.3%			100.0%			28.7%
			0.0%			6.3%			3.2%			100.0%			33.3%
			0.0%			0.0%			0.0%			100.0%			100.0%

Puerto Rico Electric Power Authority

Variance Detail

FISCAL YEAR 2023

12/15/2022

Variance #1

FOMB Category: [Maintenance]

Account: Generation

Expenses	Budget YTD	Actual YTD	Budget Variance (\$)	Variance YTD (%)
Generation	\$ 33	\$ 18	15	45.29%

Variance Explanation

Due to the complexities of aggregating project costs and determining if capitalization policy and other accounting guidelines have been met, interim monthly accounting does not consistently reflect the actual progress on NME.

Root Cause

Constrained administrative and finance resources.

Corrective Action

PREPA Finance and Generation directorates are currently exploring process improvements to better report NME spend with existing limited resources.



Puerto Rico Electric Power Authority
Pension and Benefits
FISCAL YEAR 2023
As Of: 10/24/2022

GenCo - Pension and Benefits

	<u>July-22</u>	<u>August-22</u>	<u>September-22</u>	<u>October-22</u>
<i>Pension Benefits</i>	1,080,209	1,044,789	1,055,362	930,796
<i>Loan Guaranties</i>	1,884	1,822	1,841	1,623
<i>Work Comp Insurance</i>	117,553	113,699	114,849	101,293
<i>Social Security</i>	193,850	187,494	189,391	167,037
<i>Medicare</i>	45,401	43,912	44,357	39,121
<i>Christmas Bonus</i>	42,764	41,362	41,780	36,849
<i>Health Plan</i>	402,205	389,017	392,954	346,573
Total	1,883,866	1,822,095	1,840,534	1,623,292

HoldCo - Pension and Benefits

<i>Pension Benefits</i>	244,809	242,550	317,192	231,798
<i>Loan Guaranties</i>	427	423	553	404
<i>Work Comp Insurance</i>	26,641	26,395	34,518	25,225
<i>Social Security</i>	43,932	43,527	56,922	41,597
<i>Medicare</i>	10,289	10,194	13,332	9,742
<i>Christmas Bonus</i>	9,692	9,602	12,557	9,177
<i>Health Plan - Regular</i>	91,152	90,311	118,104	86,308
Total	426,943	423,003	553,178	404,251

PW	EVENT	PW Name	Year Obligated	Category	Type of Project (Category)	Classification	Amount Disbursed by FEMA (COP)	Transfer to Sub-Recipient Date	Type
PA-02-PR-4339-PW-09504	Emergency Maria Huracan	St. James Securities	2021	B	Emergency Protective Measure	T&D	70,119	1/12/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-08937	Emergency Maria Huracan	Whitfish	2021	B	Emergency Protective Measure	T&D	67,990,776	1/12/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-05838	Emergency Maria Huracan	Green Plant	2021	B	Emergency Protective Measure	T&D	230,494	1/18/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-07907	Emergency Maria Huracan	All Contractors	2021	B	Emergency Protective Measure	T&D	48,740	2/1/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-05910	Emergency Maria Huracan	C. Principe Electrical Contractors	2021	B	Emergency Protective Measure	T&D	1,400,000	2/12/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-04233	Emergency Maria Huracan	FM Technology	2021	B	Emergency Protective Measure	T&D	335,003	2/10/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00351	Emergency Maria Huracan	COBRA 231	2017	B	Emergency Protective Measure	T&D	40,430,832	2/18/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00294	Emergency Maria Huracan	UGE	2018	B	Emergency Protective Measure	T&D	199,022	3/4/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00294	Administrative Maria Huracan	Management Cost - Maria	2020	Z	Management Cost	T&D	7,575,342	3/4/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00302	Administrative Maria Huracan	FL	2018	B	Emergency Protective Measure	T&D	1,927,977	3/29/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-01294	Administrative Maria Huracan	Management Cost - Maria	2020	Z	Management Cost	T&D	12,197,687	4/8/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-08937	Emergency Maria Huracan	Whitfish	2021	B	Emergency Protective Measure	T&D	35,054,912	4/8/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00306	Emergency Maria Huracan	US Contractor Inspections (MEQ) 90%	2021	Z	Management Cost	T&D	767,954	4/22/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00311	Emergency Maria Huracan	Subrecipient Management Cost	2020	B	Emergency Protective Measure	T&D	404,037	5/20/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00072	Emergency Maria Huracan	Perfect Integrated Solutions	2020	B	Emergency Protective Measure	T&D	3,542	5/20/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00083	Emergency Maria Huracan	Pro Energy	2018	B	Emergency Protective Measure	T&D	16,654	5/20/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00150	Emergency Maria Huracan	EMCCO	2020	B	Emergency Protective Measure	T&D	34,608	5/20/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00295	Emergency Maria Huracan	Southern	2018	B	Emergency Protective Measure	T&D	1,206,312	5/25/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00316	Emergency Maria Huracan	Exelon	2018	B	Emergency Protective Measure	T&D	1,929,810	5/27/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00638	Emergency Maria Huracan	Earthquake	2018	B	Emergency Protective Measure	T&D	517,941	6/13/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00301	Emergency Maria Huracan	Earthquake Force Account T&D	2022	B	Emergency Protective Measure	T&D	1,458,509	6/14/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-10455	Emergency Maria Huracan	Duke	2018	B	Emergency Protective Measure	T&D	7,062,983	6/22/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-10455	Emergency Maria Huracan	FAAST Management Hydro-Gas Power Plant	2022	F	Capital Improvement Measure	Generation	13,523,814	6/22/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00054	Emergency Maria Huracan	FAAST Manquehue Hydro-Gas Power Plant	2022	F	Capital Improvement Measure	T&D	31,936	6/24/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00105	Emergency Maria Huracan	Lord Electric	2018	B	Emergency Protective Measure	T&D	5,985	7/8/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-10669	Emergency Maria Huracan	FAAST (Paio seco 002 - Auxiliary Infrastructure	2022	F	Capital Improvement Measure	Generation	783,555	7/8/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-10568	Emergency Maria Huracan	FAAST Aguirre Power Plant 001 Infrastructure	2022	F	Capital Improvement Measure	Generation	682,035	7/14/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-10694	Emergency Maria Huracan	FAAST Costa Sur 002 - Infrastructure projects (2022	F	Capital Improvement Measure	Generation	281,250	7/14/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-01105	Emergency Maria Huracan	AES	2019	B	Emergency Protective Measure	T&D	47,885	7/22/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-01105	Emergency Maria Huracan	Pacific Gas & Electric Company	2019	B	Emergency Protective Measure	T&D	910,961	8/4/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00105	Emergency Maria Huracan	FAAST (Equipment and Materials)	2022	F	Capital Improvement Measure	All Assets	147,652,822	8/18/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-10710	Emergency Maria Huracan	Earthquake - Fuel	2020	B	Emergency Protective Measure	Generation	37,586,651	8/19/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00007	Emergency Maria Huracan	Earthquake Peaking Units	2020	B	Emergency Protective Measure	Generation	10,017,956	8/19/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00007	Emergency Maria Huracan	Earthquake Peaking Units	2020	B	Emergency Protective Measure	Generation	2,421,482	8/19/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-10455	Emergency Maria Huracan	FAAST Management Hydro-Gas Power Plant	2022	F	Capital Improvement Measure	Generation	59,919	8/25/2022	Contract Cost Reimbursement
PA-02-PR-4473-PW-00697	Emergency Maria Huracan	Costa Sur Discharge Channel	2022	F	Capital Improvement Measure	T&D	711,620	9/19/2022	Contract Cost Reimbursement
PA-02-PR-4473-PW-00698	Emergency Maria Huracan	Earthquake Force Account T&D	2022	F	Capital Improvement Measure	Generation	3,055,106	9/19/2022	Contract Cost Reimbursement
PA-02-PR-4473-PW-00615	Emergency Maria Huracan	Costa Sur Work Completed	2022	F	Capital Improvement Measure	T&D	342,284	9/22/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00305	Emergency Maria Huracan	WEC	2018	B	Emergency Protective Measure	T&D	5,832,569	9/23/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-01294	Administrative Maria Huracan	Management Cost - Maria	2020	Z	Management Cost	T&D	413,315	9/23/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00296	Emergency Maria Huracan	Centerpoint	2018	B	Emergency Protective Measure	T&D	417,608	9/27/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00304	Emergency Maria Huracan	Xcel	2018	B	Emergency Protective Measure	T&D	417,608	9/27/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00304	Emergency Maria Huracan	AMEREN	2018	B	Emergency Protective Measure	T&D	68,425	9/30/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00291	Emergency Maria Huracan	XGL	2018	B	Emergency Protective Measure	T&D	19,813,410	10/6/2022	Contract Cost Reimbursement
PA-02-PR-4473-PW-00682	Emergency Maria Huracan	Costa Sur Tanks	2022	F	Capital Improvement Measure	Generation	2,846,414	10/11/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00588	Emergency Maria Huracan	Green Plant	2021	B	Emergency Protective Measure	T&D	25,610	10/13/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00145	Emergency Maria Huracan	C. Principe Electrical Contractors	2020	B	Emergency Protective Measure	T&D	11,814	10/13/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00149	Emergency Maria Huracan	Retirees 50%	2020	B	Emergency Protective Measure	T&D	4,482	10/13/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00375	Emergency Maria Huracan	OGE	2020	B	Emergency Protective Measure	T&D	2,493	10/13/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-00033	Emergency Maria Huracan	Earthquake - Fuel	2018	B	Emergency Protective Measure	T&D	452,651	10/18/2022	Contract Cost Reimbursement
PA-02-PR-4473-PW-00007	Emergency Maria Huracan	Earthquake Peaking Units	2020	B	Emergency Protective Measure	Generation	51,999,184	10/27/2022	Contract Cost Reimbursement
PA-02-PR-4473-PW-00568	Emergency Maria Huracan	Earthquake Force Account T&D	2022	F	Capital Improvement Measure	T&D	29,828	10/27/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-01294	Emergency Maria Huracan	FAAST Aguirre Power Plant 002 Units 1 &2	2020	Z	Management Cost	Generation	9,040,166	11/2/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-01294	Administrative Maria Huracan	Management Cost - Maria	2020	Z	Management Cost	Generation	316,470	11/25/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-01294	Administrative Maria Huracan	Management Cost - Maria	2020	Z	Management Cost	Generation	141,950	12/1/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-10568	Emergency Maria Huracan	FAAST Aguirre Power Plant 002 Units 1 &2	2022	F	Capital Improvement Measure	Generation	315,216,000	12/12/2022	Contract Cost Reimbursement
PA-02-PR-4339-PW-01110	Emergency Maria Huracan	Southern California Edison Co.	2020	B	Emergency Protective Measure	T&D	11,146,84	12/16/2022	Contract Cost Reimbursement
		Total					490,691,173.65		

PREB SOW Approval Status

Approved	98	306,177,913.16
Deferred	4	52,000,000.00
Pending	0	-
Consolidated	2	-
	104	

Exhibit C

Work to be Performed SOP II.2.									
PREB	1.1 Facility Name	Project Name	2.1 Proposed Scope of Work	Submitted SOW	Date of Submittal	PREB Approval	SOW PREB Resolution	Amount Approved	FEMA SOW
1001	San Juan Power Plant	Units 5 Cooling Tower Replacement	Removal of existing cooling towers; design, build, installation, start up and commissioning of two new three cells cooling towers, model S1E-1222-02Q-3/SV, manufactured by Baltimore Ancon Company (BAC), with its Lakos Tower Clean Filtration System.	1,887,145.00	1/11/2022	Approved	2/11/2022	1,887,145.00	1,887,145.00
1002	San Juan Power Plant	Units 5 New High Pressure Pumps	Procurement and delivery of two high pressure water centrifugal pumps with a capacity of 276.6 cubic meter per hour and technical assistance to PREPA for the installation.	1,600,000.00	1/26/2022	Approved	3/9/2022	1,600,000.00	1,600,000.00
1003	San Juan Power Plant	Units 5 Condenser Repair and Coating Application	Rehabilitation and application of anti-corrosive coating for the water boxes and intake pip'n of the east side of the Unit condenser.	1,031,250.00	1/11/2022	Approved	2/11/2022	1,031,250.00	1,031,250.00
1004	San Juan Power Plant	Units 5 High Pressure Bleed Valve, Low Pressure Bleed Valve and Heat Injection Steam Valve	Purchase of equipment and parts for the replacement and installation of Varesa 33,000 Trips Offset Automated Valves - Steam Injection Block Valves & Bleed Valves	374,237.00	1/11/2022	Approved	2/11/2022	374,237.00	374,237.00
1005	San Juan Power Plant	Units 5 and 6 Black Start Emergency Generator Upgrade	Upgrade the control system for the black start diesel generator system San Juan CTG 5 & 6. - Initial verification and assessment of current system configuration and setup versus electrical drawings and original designed configurations - Engineered / retrofitted control system integration and installation (plc and hmi) - Assure communication between plc and ovation distributed control system at operator control room for remote and fully automated operation - Commissioning and startup support - Control system drawings and manuals - Final Testing and Inspection	348,509.53	1/11/2022	Approved	2/11/2022	348,509.53	348,509.53
1006	San Juan Power Plant	Units 5 Replacement of Outlet Valves and Elbow Condenser	Remove and replacement of the existing outlet valve and 42 inch diameter steel elbows, which are part of the outfall of the seawater use to cool down the condensers of both Units 5 and 6.	673,667.00	1/11/2022	Approved	2/11/2022	673,667.00	673,667.00
1007	San Juan Power Plant	Unit 7 Air Preheater Maintenance and Replacement	Removal and replacement of the existing air-preheaters cold and hot section's baskets, sector plates, adjusters, static seal, axial plates among other components and repair air heater out casing.	600,000.00	1/26/2022	Approved	3/9/2022	600,000.00	600,000.00
1008	San Juan Power Plant	Repairs to Nautilus Water Treatment System	Structural repair of steel floor, walls, application of interior and exterior anti-corrosive coating.	250,000.00	1/26/2022	Approved	3/9/2022	250,000.00	250,000.00
1009	San Juan Power Plant	Cooling Tower Unit 10 Repairs Works	These technical specifications cover the work required under this Contract for the design, manufacture, delivery and erection for one (1) new cell of 3,000 GPM, and the dismantling of the one (1) existing cell of the cooling towers of the units 10 PREPA's San Juan Plant.	385,000.00	7/4/2022	Approved		385,000.00	-
1010	San Juan Power Plant	Replacement of Two Uninterruptible Power Supply Systems for Units 7 and 8	- Replacement of 480 Vac Cables from emergency UPS - Replacement of 130 Vac Cables from emergency UPS - Installation of external electrical piping for UPS Cables - Training on UPS operation - Parts: UPS Cybernet Power/Built (ABB) Model: CWS0015-4833-121-1-6-21100 & CWS0020-4833-121-1-6-100	450,000.00	1/26/2022	Approved	3/9/2022	450,000.00	450,000.00
1011	San Juan Power Plant	Units 7-10 New Raw Water Tank	Removal of existing steel raw water storage tank. Design and Build of a new 173,000 gallons steel raw water storage tanks including interior and exterior coating application, instrumentation system for reading water levels and improvements to the existing tank's concrete base.	1,000,000.00	1/26/2022	Approved	3/9/2022	1,000,000.00	1,000,000.00
1012	San Juan Power Plant	Structural Repairs Fuel Service Tank 10	Structural steel repairs of floor, roof, shell, columns and beams elements of a existing fuel service tank and application of new anti-corrosive coating on the interior and exterior of the tank.	647,000.00	2/1/2022	Approved		647,000.00	647,000.00
1013	San Juan Power Plant	Unit 5 SCR - Ammonium Procurement	Procurement and delivery of Ammonium Substance to be used for the Selective Catalytic Reduction system to control emissions of Unit 5 for compliance of Federal law.	500,000.00	2/1/2022	Approved	2/28/2022	\$500,000.00	-
1014	San Juan Power Plant	Units 5 Heavy Equipment Rental Services	Service of heavy equipment such as 30 Ton, 50 Ton, 70 Ton, 100 Ton and 350 Ton cranes, including mobilization for the performance of repairs and major maintenance works of the main and auxiliary components of Units 5 through 10.	\$ 850,000.00	1/26/2022	Approved	3/9/2022	850,000.00	-
1015	San Juan Power Plant	Water Treatment and Technical Assistance Cooling Water System	Service of operation and maintenance of a water treatment system for the cooling towers of power plant's auxiliary equipments. The treatment will protect the infrastructure of the cooling towers.	237,727.04	1/26/2022	Approved	3/9/2022	237,727.04	-
1016	San Juan Power Plant	Unit 10 Rehabilitation	Provide parts and service for the open inspection and close of the steam turbine and generator. Also, in shop repairs for the steam turbine and the generator rotor and oil flush of the turbine.	16,000,000.00	7/8/2022	Deferred	4/13/2022		-
1017	San Juan Power Plant	Steam Rotor Replacement Unit 5 & CT Repairs	Replacement of all the main components of the steam rotor of Unit 5 and perform all the repairs of the combustion turbine, including its auxiliary equipments.	12,055,544.40	2/8/2022	Approved	4/13/2022	12,055,544.40	12,055,544.40
1018	San Juan Power Plant	LTSA SIS		8,000,000.00	7/8/2022	Approved	4/13/2022	8,000,000.00	-
1019	San Juan Power Plant	LTSA SIS		8,000,000.00	2/8/2022	Approved	4/13/2022	8,000,000.00	-
1020	San Juan Power Plant	Control System Upgrade units 5 & 6	Perform and upgrade to the Units 5 & 6 Control System, including all the necessary cyber security programming.	3,203,050.00	1/11/2022	Approved	2/11/2022	3,203,050.00	3,203,050.00
1021	San Juan Power Plant	Unit 8 Rehabilitation (Turbine)	Inspection and replacement of the High Pressure, Intermediate Pressure and Low Pressure Rotors of the Turbine and perform all the testing and commissioning of the equipment.	10,000,000.00	2/4/2022	Deferred	4/13/2022		-
1022	San Juan Power Plant	Unit 7 Rehabilitation (Turbine)	Inspection and replacement of the High Pressure, Intermediate Pressure and Low Pressure Rotors of the Turbine and perform all the testing and commissioning of the equipment.	10,000,000.00	2/4/2022	Approved	10/21/2022	10,000,000.00	10,000,000.00
1023	San Juan Power Plant	Unit 6 - Major Overhaul (Steam Turbine Replacement and CT Repairs)		12,768,424.79	1/26/2022	Approved	3/9/2022	12,768,424.79	12,768,424.79

1024	San Juan Power Plant	Installation of Module D&E HRSG Unit 5	Replace critical pressure parts components of San Juan Generation Complex Unit 5 Heat Recovery Steam Generator (HRSG), specifically: Module D High Pressure Economizer 3 Tubes Bundles, Module D Intermediate Pressure Evaporators Tubes Bundles, Module E Intermediate Pressure Economizer Tubes Bundles, Module E High Pressure Economizer 1 Tubes Bundles, Module E High Pressure Economizer 2 Tubes Bundles.	9,750,263.00	1/11/2022	Approved	7/11/2022	9,750,263.00	9,750,263.00
1025	San Juan Power Plant	Replacement of the Online Condenser Cleaner- Unit 5	Supply, installation and commissioning of a online condenser cleaner system for Unit 5.	3,600,000.00	1/11/2022	Approved	2/11/2022	3,600,000.00	3,600,000.00
1026	San Juan Power Plant	Unit 6 - Major Overhaul		12,768,424.79	1/26/2022	Approved	3/9/2022	12,768,424.79	12,768,424.79
1027	San Juan Power Plant	Unit 7 - Major Outage - Boiler Sections Replacement and Repairs & Auxiliary Equipment Inspection Work		8,000,000.00	2/4/2022	Approved	10/21/2022	8,000,000.00	8,000,000.00
1028	San Juan Power Plant	Unit 8 - Major Outage - Boiler Sections Replacement and Repairs & Auxiliary Equipment Repairs		8,000,000.00	2/4/2022	Deferred	4/13/2022	-	-
2029	Aguirre Power Plant	Unit 1 South Wall Boiler Tubing Replacement and Boilers Repairs	Partial rehabilitation of the south water wall between third and fourth floor on Unit 1 consisting on Boiler Tube Panels replacement.	5,933,862.95	1/26/2022	Approved	7/22/2022	5,933,862.95	5,933,862.00
2030	Aguirre Power Plant	Unit 1 Air and Gas Duct Pre-heaters Repair Work	Inspections looking for leakage and repairs on ducts will be addressing including insulation repair.	-	Consolidated	Consolidated		-	-
2031	Aguirre Power Plant	Replacement of Load Center 1-4 Condenser Circulating Water Pump	Removal and removal of existing breakers for the load center 1-4 of the Condenser Circulating Water Pumps for the cooling system of the condensers of Units 1 and 2.	630,000.00	1/11/2022	Approved	2/11/2022	630,000.00	630,000.00
2032	Aguirre Power Plant	Sea Water Intake Structural Repairs Work	Structural repairs of concrete beams, slabs and wall's components of the sea water intake of the	5,274,222.00	1/11/2022	Approved	2/11/2022	5,274,222.00	-
2033	Aguirre Power Plant	Rehabilitation Fuel Tank Farm Liners	Rehabilitation, repair and installation of a approximately 46,000 square feet of Flexible Membrane Liner System of the Aguirre Fuel Farm area.	1,291,000.00	1/11/2022	Approved	2/11/2022	1,291,000.00	1,291,000.00
2034	Aguirre Power Plant	Two New Condenser Discharge Water Pumps Motors	Procurement and delivery of two 400 Hp-395 RPM, 4,000 Volts-3 Phase, 60 Cycle Re-build Motors for the water discharge condenser pumps for the sea water canal discharge system.	750,000.00	1/11/2022	Approved	2/11/2022	750,000.00	750,000.00
2035	Aguirre Power Plant	Two New BCWP Motors	Procurement and delivery of two _____ RPM New Motors for the water discharge condenser pumps for the sea water canal discharge system.	640,150.00	1/11/2022	Approved	2/11/2022	640,150.00	640,150.00
2036	Aguirre Combined Cycle	Procurement of Stages 1, 2, 3 Turbine Rotor Bucket Set, Aguirre Combined Cycle	Buy rotor buckets for spare turbine rotor located at Allied Power Group facilities in Houston, TX. Complete rotor is necessary in case replacement is needed during 2022 HGP inspections (Units 1-1 or 1-2).	497,267.00	1/26/2022	Approved	3/9/2022	497,267.00	497,267.00
2037	Aguirre Combined Cycle	New Water Condensate Tank for the Aguirre Combined Cycle	Removal of existing steel water condensate storage tank. Design and Build of a new 287,000 gallons steel water condensate storage tank, including interior and exterior coating application, instrumentation system for reading water levels and improvements to the existing tank's concrete base.	410,125.00	1/26/2022	Approved	3/9/2022	410,125.00	410,125.00
2038	Aguirre Combined Cycle	Major Inspection Unit 1-3	Remove Turbine Rotor for repair and balance, including rotor buckets. Replace turbine casing shrouds. Replace turbine nozzles, transition pieces and combustion liners with refurbished components. Inspect Compressor (rotor and stator). Inspect Generator (rotor and stator). Repair HRSG casing and exhaust duct.	2,559,917.00	1/26/2022	Approved	3/9/2022	2,559,917.00	2,559,917.00
2039	Aguirre Combined Cycle	Hot Gas Path Inspection and repairs Work Units 2-4 and stand by transformer	Inspect turbine section major components (rotor, buckets, nozzles & shrouds). Replace Stage 1 Buckets (if necessary). Stage 1 Nozzle, transition Pieces and combustion liners with refurbished components. Repair all removed components for futures HGP. Buy new MCC Transformer 4.16KV / 480V	716,267.36	1/11/2022	Approved	2/11/2022	716,267.36	806,507.36
2040	Aguirre Combined Cycle	Hot Gas Path Inspection Work Units 1-1 and 1-2	Inspect turbine section major components (rotor, buckets, nozzles & shrouds). Replace Stage 1 Buckets (if necessary). Stage 1 Nozzle, transition Pieces and combustion liners with refurbished components. Repair all removed components for futures HGP.	1,097,000.00	1/11/2022	Approved	2/11/2022	1,097,000.00	1,097,000.00
2041	Aguirre Power Plant	Inner Barrel Bundle	Engineering and manufacture of an inner barrel bundle of the boiler feed water pump to be used in Units 1 or 2.	1,625,954.00	1/20/2022	Approved	2/18/2022	1,625,954.00	1,625,954.00
2042	Aguirre Power Plant	Unit 1 - Major Inspection (Replacement Turbo-Generator)	Major Overhaul to Gas Turbine Nam. 1 including the replacement of all the hot gas path components and the turbo compressor blades. Also, repair the exhaust gas housing and perform the inspection of the turbo rotor, the generator and repair the Gas Turbine enclosure and filter house.	11,164,417.00	1/11/2022	Approved	2/11/2022	11,164,417.00	11,164,417.00
2043	Aguirre Power Plant	Unit 2 Excitation System	Replacement of an obsolete Excitation System that has no replacement parts. The new system must increase the reliability and extend service life with replacement parts and service availability.	1,516,675.00	1/11/2022	Approved	2/11/2022	1,516,675.00	1,501,675.00
2044	Aguirre Power Plant	Purchase and Installation Breakers 480 V	Procurement and installation of 12 - 600 A, 480 V Breakers and 4 - 1,600 A, 480 V Breakers for Normal Bus 1A EE55	350,115.00	1/26/2022	Approved	3/9/2022	350,115.00	350,115.00
2045	Aguirre Power Plant	Design Fire Pump for Aguirre Power Complex	Design for an above ground piping lines to replace the obsolete underground piping system. The existing system has undetectable leakages.	280,040.00	1/11/2022	Approved	2/11/2022	280,040.00	-
3046	Costa Sur Power Plant	Traveling Screens Replacement	Removal and replacement of five galvanized steel traveling screens, with its auxiliary equipment, of the power plant's sea water intake for the cooling of the condenser's of Units 5 and 6. The work shall include an infrastructure to protect the fish and other marine, in compliance with Section 316 (b) of the Clean Water Act.	5,000,000.00	1/26/2022	Approved	3/9/2022	5,000,000.00	5,000,000.00
3047	Costa Sur Power Plant	Procurement and Replacement of Regulator Valves for Boiler Feed Water Units 5 & 6	Replace the main boiler feed water control valves for units 5&6. Actual valves are in bad conditions and the replacements are as expensive as the whole valve.	301,664.00	1/26/2022	Approved	3/9/2022	301,664.00	301,664.00
3048	Costa Sur Power Plant	Low Pressure Water Heater 3 Repair Work	Design, manufacture, provide, deliver and install new tubes for the Low pressure heater 3 for Unit 6	400,000.00	1/26/2022	Approved	3/9/2022	400,000.00	400,000.00
3049	Costa Sur Power Plant	Procurement of Water Heater 5 (Deaerator) Spare Pump	Design and delivery of a new spare pump for the water heater (deaerator)	400,000.00	2/1/2022	Approved	2/28/2022	400,000.00	400,000.00
3050	Costa Sur Power Plant	Procurement of Air-Preheaters Baskets, Unit 5	Procurement and delivery of hot and cold sections baskets and other components of the pre-heaters of Unit 5.	1,966,083.00	1/11/2022	Approved	2/11/2022	1,966,083.00	1,966,083.00
3051	Costa Sur Power Plant	Replacement of Air-Preheaters Baskets, Unit 5	Removal and replacement of the existing air-preheaters cold and hot section's baskets, sector plates, adjusters, static seal, axial plates among other components and repair air heater out casing.	700,000.00	2/4/2022	Approved	4/13/2022	700,000.00	-
3052	Costa Sur Power Plant	Procurement of Condenser Circulating Water Pump (CCWP) and Boiler Circulating Water Pump (BCWP) Spare Motors for Units 5 and 6	Procurement and delivery of motors to be storage as spare parts to avoid units forced outages and/or load limitations	865,670.00	1/11/2022	Approved	2/11/2022	865,670.00	865,670.00
3053	Costa Sur Power Plant	Procurement of Induced Draft Fan (IDF) and Forced Draft Fan (FDF) Spare Motors for Units 5 and 6	Procurement and delivery of motors to be storage as spare parts to avoid units forced outages and/or load limitations	1,160,000.00	2/1/2022	Approved	2/28/2022	1,160,000.00	1,160,000.00
3054	Costa Sur Power Plant	Procurement of Condensate Pump (CP) Motor for Units 5 and 6	Procurement and delivery of motors to be storage as spare parts to avoid units forced outages and/or load limitations	870,000.00	2/1/2022	Approved	2/28/2022	870,000.00	870,000.00

3055	Costa Sur Power Plant	Replacement of Unit 5 Electric Load Center	Replacement of Auxiliary equipment load centers and breakers for turbines 5 and 6 due to obsolescence.	285,000.00	1/11/2022	Approved	2/11/2022	285,000.00	285,000.00
3056	Costa Sur Power Plant	Replacement of Excitation System Units 5 and 6	Procurement and installation of an upgrade for the excitation system. The manufacturer cease the production of spare parts	2,760,934.00	1/20/2022	Approved	2/18/2022	2,760,934.00	2,760,934.00
3057	Costa Sur Power Plant	Replacement of 4160 V Electric Cable Normal Transformer 5A, 5B	Procurement and delivery of 6000 ft of special construction electrical cable (1500 kcmil Insulation XLPE 5kV) to replace the cables of the Normal service transformers 5A & 5B	375,000.00	2/1/2022	Approved	2/28/2022	375,000.00	375,000.00
3058	Costa Sur Power Plant	CS 5 Major Inspection Unit 5 - HP/IP/LP Turbine Rotor Replacement	Procurement for the inspection and refurbishment of the spare turbine rotors (HP/IP, LPA & LPB) for the October 2022 programmed outage	5,902,222.00	2/4/2022	Approved	4/13/2022	5,902,222.00	9,388,488.00
3059	Costa Sur Power Plant	CS 5 Major Outage Unit 5 - Boiler Sections Replacement and Repairs & Auxiliary Equipment Repairs	Procurement and delivery of materials and equipment for the October 2022 programmed outage	9,000,000.00	1/26/2022	Approved	3/9/2022	9,000,000.00	9,000,000.00
3060	Costa Sur Power Plant	Water Heater 6 Replacement Work	Procurement and installation of the High pressure Heater 6 for unit 5.	2,000,000.00	1/26/2022	Approved	3/9/2022	2,000,000.00	2,000,000.00
3061	Costa Sur Power Plant	Crustic Soda and Acid tanks replacement works	Procurement and delivery of 4 stainless steel tanks (2 storage & 2 service) for the Demi water plant. One pair for soda ash and one pair for sulfuric acid. Installation by plant crew.	750,000.00	2/4/2022	Approved	4/13/2022	750,000.00	750,000.00
3062	Costa Sur Power Plant	Unit 6 - HP/IP/LP Inspection (Failure)	Perform the inspection and non destructive testing on the Lower Pressure Turbine Rotor Segment B (LP-B) due to an event that caused a major failure on this component.	1,060,530.50	2/4/2022	Approved	4/13/2022	1,060,530.50	1,060,530.50
3063	Costa Sur Power Plant	BFWP Inner Barrel Bundle	Engineering and manufacture of an inner barrel bundle of the boiler feed water pump to be used in Unit 5 or 6.	1,625,954.00	1/11/2022	Approved	2/11/2022	1,625,954.00	1,625,954.00
3064	Costa Sur Power Plant	BFWP Inner Barrel Bundle	Engineering and manufacture of inner barrel of the boiler feed water pump	-	Consolidated	Consolidated		-	-
3065	Costa Sur Power Plant	Unit 6 LP-B Installation Work (Failure)	Installation and commissioning of the repaired Low Pressure Rotor B of the Power Turbine of Unit 6	2,076,415.00	1/20/2022	Approved	2/18/2022	2,076,415.00	2,076,415.00
3066	Costa Sur Power Plant	AGC - Replacement Project	Procurement and Delivery of New system for frequency/load control to replace the original one due to obsolescence (installed since 1973). There are not spare parts	400,000.00	2/1/2022	Approved	2/28/2022	400,000.00	400,000.00
3067	Costa Sur Power Plant	Fuel Igniters Replacement Work	Procurement and Delivery of New Natural Gas Igniters and Control System for Unit 6	2,364,000.00	2/1/2022	Approved	2/28/2022	2,364,000.00	2,364,000.00
3068	Costa Sur Power Plant	Upgrade to Foxboro Simulation System	Services of software and hardware installation and programming to update the simulation station of the Foxboro control system.	500,000.00	2/11/2022	Approved	4/13/2022	500,000.00	500,000.00
4069	Palo Seco Steam Plant	PS 3 Procurement and Delivery of Water Wall Boiler Tubes and Economizer Unit PS3	Manufacture, testing and delivery of the following components of the Unit 3 boiler: the economizer and water wall boiler tubes.	4,028,051.20	1/11/2021	Approved	7/22/2022	4,028,051.20	4,028,051.20
4070	Palo Seco Steam Plant	PS 3 Low Pressure Turbine Rotor Refurbished, Unit 3	Inspection, transportation, maintenance and repair of the power turbine spare low pressure rotor.	3,500,000.00	2/4/2022	Approved	7/22/2022	3,500,000.00	3,500,000.00
4071	Palo Seco Steam Plant	Fuel Tanks Level Measurement System	Procurement and delivery of an integrated measurement, accounting, control, monitoring and temperature system for the power plant's fuel tanks.	550,000.00	1/20/2022	Approved	2/18/2022	550,000.00	550,000.00
4072	Palo Seco Steam Plant	Water Retention Tank Num. 3	Removal of existing steel water condensate storage tank. Design and build of a new 250,000 gallons steel water retention tank, including interior and exterior coating application, instrumentation system for reading water levels and improvements to the existing tank's concrete base.	800,000.00	1/20/2022	Approved	2/18/2022	800,000.00	800,000.00
4073	Palo Seco Steam Plant	Unit PS 4 Refractory, Insulation, scaffolding and Piping Application Works	Service of scaffolding installation, removal and installation of boiler's refractory and painting of tanks and other components of the Unit 4.	700,000.00	1/20/2022	Approved		700,000.00	700,000.00
4074	Palo Seco Steam Plant	Contract, on request, for Crane Services PS4	Service of heavy equipment such as 30 Ton, 50 Ton, 70 Ton, 100 Ton and 350 Ton cranes, including mobilization for the performance of repairs and major maintenance works of the main and auxiliary components of Units 3 and 4.	700,000.00	1/20/2022	Approved	2/18/2022	700,000.00	-
4075	Palo Seco Steam Plant	Procurement Turning Gear System, Units 3 and 4	Purchase of new turning gear system for Units 3 or 4 replacement.	295,381.60	1/20/2022	Approved		295,381.60	295,381.60
4076	Palo Seco Steam Plant	New Water Condensate 1-2 Tank	Removal of existing steel water condensate storage tank. Design and build of a new 175,000 gallons steel water condensate storage tank, including interior and exterior coating application, instrumentation system for reading water levels and improvements to the existing tank's concrete base.	1,000,000.00	2/1/2022	Approved	2/28/2022	1,000,000.00	1,000,000.00
4077	Palo Seco Steam Plant	Mega-Gens Environmental Commissioning	Perform all environmental and performance tests on three 27 Megawatts Combustion Units to comply with EPA's Air Standards	1,036,800.00	1/11/2022	Approved	2/11/2022	1,036,800.00	-
4078	Palo Seco Steam Plant	Upgrade OSI DCS	Supply and installation of new Human Machine Interface for operation and OS control for both units 3, 4, Mega Gens 1, 2, 3 and Gas Turbines 1-6.	1,145,578.00	1/20/2022	Approved	2/18/2022	1,145,578.00	1,132,578.00
4079	Palo Seco Steam Plant	Upgrade to Mark VIe	Supply and installation of new Human Machine Interface for operation and turbine control for both units 3 and 4.	500,000.00	1/26/2022	Approved	3/9/2022	500,000.00	500,000.00
4080	Palo Seco Steam Plant	Unit 4, Superheater Header, Hum. 5 Material and Installation	Purchase and installation of Superheater 5 component of the Unit's 4 boiler.	2,243,385.00	1/20/2022	Approved		2,243,385.00	2,243,385.00
4081	Palo Seco Steam Plant	Unit PS3 - Major Outage - Boiler Sections Replacement and Repairs, MPT, Generator and turbine Repair & Auxiliary Equipment Inspection Work	Purchase and installation of Economizer elements and waterwalls upper sections replacement.. HP, IP and LP turbines inspection, maintenance and repair. MPT oil leakages repair and Auxiliary equipment	15,000,000.00	2/1/2022	Approved	2/28/2022	15,000,000.00	15,000,000.00
5082	Hydrogas Gas Turbine Peakers	Procurement of Spare Generator Breakers for Frame 5000 Hitachi Gas Turbines	Procurement and delivery of seven (7) 2000amp, 15.0KV rms (operational voltage - 13.8KV) spare main breakers to be used for the Frame 5000 Hitachi Gas Turbines during emergency or maintenance repair works.	650,000.00	2/8/2022	Approved	4/13/2022	650,000.00	-
5083	Hydrogas Gas Turbine Peakers	Procurement of Turbo Compressors for Frame 5000 Gas Turbines	Procurement and delivery of two (2) Rating 23350KW, 17 stages, 2 stages, 5100 rpm re-build turbo compressor for the Frame 5000 N Gas Turbines to be used during emergency or repair works. (Vega Baja Y Cost Sur)	7,800,000.00	2/8/2022	Approved	4/13/2022	7,800,000.00	-
5084	Hydrogas Gas Turbine Peakers	Procurement of Spare Speed Reduction Gear for Frame 5000 Gas Turbines	Procurement and delivery of two (2) 5091/3600 RPM, Rating: 28,000KW spare speed reduction gears for Frame 5000 Gas Turbines to be used during emergency of repair works. (Jobos)	1,560,000.00	2/8/2022	Approved	4/13/2022	1,560,000.00	-
5085	Hydrogas Gas Turbine Peakers	New Spare Three Exhaust Plenums for Frame 5000 Gas Turbines	Fabrication and Delivery of three (3) 117.5" x 75.26" x 106.5" spare steel exhaust plenums for the Frame 5000 Gas Turbines to be used during repair works.	780,000.00	2/8/2022	Approved	4/13/2022	780,000.00	-
5086	Hydrogas Gas Turbine Peakers	Procurement of Three Exhaust Gas Diffusion Ducts for Frame 5000 Gas Turbines	Fabrication and Delivery of three (3) 41" Internal Diameter/ 46" External Diameter spare steel exhaust gas diffusion ducts for the Frame 5000 Gas Turbines to be used during repair works.	390,000.00	2/8/2022	Approved	4/13/2022	390,000.00	-
5087	Hydrogas Gas Turbine Peakers	Major Outage Turbo-compressor (CT) 15 units	Major outage for all Frame 15 units which shall include repairs and overhaul of a defined scope as per-unit needs, in order to assure availability and reliability at most.	39,000,000.00	2/8/2022	Approved	4/13/2022	39,000,000.00	-

6018	Cambalache	Unit 1 Rehabilitation	Perform the required inspections, repair the exhaust gas housing and GT enclosure and filter house and replacement of all of the hot gas path components, turbo-compressor and blades and its related accessories of Gas Turbine Num. 1. Also, conversion of control system to Blue-Line similar to gas turbines 2 and 3, upgrade the combustor pulsation monitoring system, upgrade the automatic voltage regulator and upgrade the opacity monitoring system.	18,000,000.00	2/1/2022	Deferred	2/28/2022		-
6069	Cambalache	Control System Power Plant Maintenance-Generator and Technical Services	Provide technical support and parts replacement for the generating unit control systems with Original Equipment Manufacturer trained technical advisors. The provided services will be a complete maintenance program for the continuous operations of the included equipment and its systems, especially for the obsolete equipment's. It will include parts replacement, software updates, backups, servers & network devices health issues solution and unexpected issues solutions.	2,500,000.00	2/1/2022	Approved	2/28/2022	2,500,000.00	-
6090	Cambalache	Automatic Voltage Regulator & SFC Upgrade for 2 Units	Upgrade of the obsolete electronic parts for the Automatic Voltage Regulator with the Synchronism Devices and the Static Frequency Converter systems for GT2 and GT3. The actual systems are the original ones installed in 1997.	1,043,000.00	2/1/2022	Approved	2/28/2022	1,043,000.00	1,043,000.00
6091	Cambalache	LISA Units Camb 1, 2, 3	Long Term Service Agreement for the A, B & C (Major) inspections on the Cambalache Units. Provide the technical advisors and consumables for all the inspections and the replacement of the scheduled Hot Gas Path parts (capital parts) The A & B are the minor inspections.	\$ 12,000,000.00	2/1/2022	Approved	2/28/2022	12,000,000.00	-
7092	Mayaguez	Unit 1A, 1B and 4A Rehabilitation	Repairs of Gas Generator Components of Units 1A and 1B and Repairs of PT (Upgrade 2x) on Power Turbine on Unit 4A	17,995,020.00	1/1/2022	Approved	2/11/2022	17,995,020.00	17,995,020.00
8093	All Power Plants	Stamp R - Mechanical Repair Works for Boilers and Turbo-Generators Contract		1,950,000.00		Approved	4/13/2022	1,950,000.00	-
8094	All Power Plants	Hydro-blasting Service for Condenser	Specila	650,000.00		Approved	4/13/2022	650,000.00	-
8095	All Power Plants	Hydro-blasting Service for Boilers	Pressure washing and neutralization service of the internal and external components of the boiler and other areas of the PREPA's power plants.	950,000.00		Approved	7/11/2022	950,000.00	-
8096	All Power Plants	Interior Dry-Cleaning Service for Boilers		850,000.00		Approved	4/13/2022	850,000.00	-
8097	All Power Plants	Electrical and Instrumentation works in power plants	Services of inspection, maintenance and repair of electrical auxiliary components and control systems necessary for the operation of the PREPA's power plants.	850,000.00		Approved	4/13/2022	850,000.00	-
8098	All Power Plants	Procurement Acid for all power plants	Procurement and delivery of Acid substance used on the power plant for pH Control during water treatment of process water and demineralized water treatment plant maintenance work.	1,000,000.00		Approved	4/13/2022	1,000,000.00	-
8099	All Power Plants	Refractory, Insulation, stack and Painting Application Works	Services of removal and replacement of refractory material for boilers and stacks, and the removal and application of painting of stacks.	1,950,000.00		Approved	4/13/2022	1,950,000.00	-
8100	All Power Plants	Scaffolding Inside and outside Boilers Works	Services of the rental, engineering, and fabrication of scaffolding systems to be used during maintenance and repair works of the PREPA's power plants.	1,990,000.00		Approved	4/13/2022	1,990,000.00	-
8101	All Power Plants	Waste Management Services Contract for Power Plants	Services of collection and deposit of non-hazardous waste materials and non-organic silt material collected from the sludge pools of the PREPA's power plants.	1,000,000.00		Approved	4/13/2022	1,000,000.00	-
8102	All Power Plants	Non-Destructive Examinations and Inspection Services	Services of inspection and testing of repair processes such as welding of boiler tubes, construction or repair of water and fuel tanks.	750,000.00		Approved	4/13/2022	750,000.00	-
8103	All Power Plants	Inspection and Maintenance Cargo Elevator	Inspection of and maintenance service of the cargo elevators used to transport personnel, materials and equipment necessary for the operation and maintenance of the PREPA's power plants.	900,000.00		Approved	4/13/2022	900,000.00	-
8104	All Power Plants	Coating Application Boiler Structures and Chimneys All Power Plants	Supply all materials, equipment and services for the surface preparation and application of paint coating of all structural elements that supports all the power plant's boiler components and also the exhaust stacks.	3,600,000.00		Approved	4/13/2022	3,600,000.00	-
Total				\$ 358,177,913.16				306,177,943.16	202,687,213.17

FEMA 428 FUNDING GENERATION ASSETS

PW	FEMA ID	Project Title	PREB Approval	FEMA Approval	Commencement Date	Date of Completion
10571	669498	FAASt Aguirre Power Plant Infrastructure Projects 001	8,305,487	3,031,265		Apr-23
	2033	Rehabilitation Fuel Tank Farm Liners	1,291,000	1,291,000	Jan-23	Apr-23
	2034	Two New Condenser Discharge Water Pumps Motors	750,000	750,000	Apr-22	Jul-22
	2035	Two New BCWP Motors	640,150	640,150	Jul-22	Dec-22
	2044	Purchase and Installation Breakers 480 V	350,115	350,115	Jul-22	Sep-22
	2032	Sea Water Intake Structural Repairs Work	5,274,222	Not eligible	Not eligible	Not eligible
10568	669233	FAASt Aguirre Power Plant 002 Units 1 & 2 Projects	20,920,899	20,905,908		Aug-23
	2029	Unit 1 South Wall Boiler Tubing Replacement and Boilers Repairs /Air and Gas L	5,983,853	5,983,862	Mar-22	Jun-22
	2031	Replacement of Load Center 1-4 Condenser Circulating Water Pump	630,000	630,000	Aug-22	Apr-23
	2041	Inner Barrel Bundle	1,625,954	1,625,954	Jan-23	Aug-23
	2042	Unit 1 - Major Inspection (Replacement Turbo-Generator)	11,164,417	11,164,417	Mar-22	Jun-22
	2043	Unit 2 Excitation System	1,516,675	1,501,675	Jul-22	May-23
10622	669815	FAASt Aguirre Power Plant 003 Combined Cycle	5,315,630	5,405,870		Jun-23
	2036	Procurement of Stages 1-1 & 1-2 Turbine Rotor Bucket Set	497,267	497,267	Aug-22	Jun-23
	2037	New Water Condensate Tank	410,125	410,125	Jan-23	Feb-23
	2038	Major inspection Unit 1-3	2,599,971	2,599,971	Mar-22	Oct-22
	2039	Hot Gas Path Repairs Work Units 2-4 and stand by transformer	716,267	806,507	Mar-22	Apr-23
	2040	Hot Gas Path Inspection Work Units 1-1 and 1-2	1,092,000	1,092,000	Jun-22	Jul-22
10615	662947	FAASt San Juan 001 – Units 5 & 6	77,430,016	60,080,016		Mar-24
	1001	Units 5 Cooling Tower Replacement	1,887,145	1,887,145	Feb-22	Jun-22
	1002	Units 5 New High Pressure Pumps	1,600,000	1,600,000	Aug-22	Sep-22
	1003	Units 5 Condenser Repair and Coating Application	1,031,250	1,031,250	Feb-22	Apr-22
	1004	Units 5 HP Bleed Valve, LP Bleed Valve and Heat Injection Steam Valve	374,237	374,237	Feb-22	Jun-22
	1005	Units 5 and 6 Black Start Emergency Generator Upgrade	348,510	348,510	Aug-22	Dec-22
	1006	Units 5 Replacement of Outlet Valves and Elbow Condenser	673,667	673,667	Jun-22	Jun-23
	1013	Unit 5 SCR - Amonium Procurement	500,000	Not eligible	Not eligible	Not eligible
	1014	Units 5 Heavy Equipment Rental Services	850,000	Not eligible	Not eligible	Not eligible
	1018	LTSA SJ5	8,000,000	Not eligible	Not eligible	Not eligible
	1019	LTSA SJ6	8,000,000	Not eligible	Not eligible	Not eligible
	1017	Steam Rotor Replacement Unit 5 & CT Repairs	12,055,544	12,055,544	Feb-22	Jun-22
	1020	Control System Upgrade units 5 & 6	3,203,050	3,203,050	Apr-22	Jun-22
	1023	Unit 6 - Major Overhaul (Steam Turbine Replacement and CT Repairs)	12,768,425	12,768,425	Feb-23	Mar-24
	1024	Purchases and Installation of Modules D&E HRSG Unit 5	9,750,263	9,750,263	Apr-22	Jun-22
	1025	Replacement of the Online Condenser Cleaner Unit 5	3,600,000	3,600,000	Nov-22	Dec-23
	1026	Unit 6 - Major Overhaul - Boiler Repairs	12,768,425	12,768,425	Feb-23	Mar-24
	N/A	Purchase and installation 20 TON for UPS Units 5 & 6	19,500	19,500	N/A	N/A
11085	687480	FAASt San Juan Plant – Units 7 & 8	19,558,770	19,558,770		Oct-22
	1007	Unit 7 Air Preheater Maintenance and Replacement	600,000	600,000	Jan-23	Apr-23
	1010	Replacement of Two Uninterruptible Power Supply Systems for Units 7 and 8	450,000	450,000	Dec-22	Apr-23
	1021	Unit 8 Rehabilitation (Turbine)	Pending	Pending	Jul-22	Oct-22
	1022	Unit 7 Rehabilitation (Turbine)	10,000,000	10,000,000	Jan-23	Dec-23
	1027	Unit 7 Boiler Sections Replace, Repairs & Auxiliary Equipment Inspection Work	8,000,000	8,000,000	Feb-23	Dec-23
	1028	Unit 8 Boiler Replacement and Repairs & Auxiliary Equipment Repairs	Pending	Pending	Jul-22	Oct-22
	N/A	Lagging and insulation repair to San Juan steam plant units 7&8	413,235	413,235	N/A	N/A
	N/A	Cyberex load sharing battery chargers rated 200 amps. ac input: 4	95,535	95,535	N/A	N/A

	1009	Cooling Tower Unit 10 Repair Works	385,000	Pending	Mar-23	Sep-23
	1016	Unit 10 Rehabilitation	Pending	Pending	Mar-23	Sep-23
	N/A	Lagging and thermal insulation repair to sjsj 9 and 10	342,783	Pending	N/A	N/A
	N/A	Enderezamiento/colocacion grua overhead en carril - u. 9 y 10 csj	37,000	Pending	N/A	N/A
10608	667744	FAAST San Juan Power Plant - Auxiliary Infrastructure	2,600,974	2,368,247		Jan-23
	1008	Repairs to Nautilus Water Treatment System	250,000	250,000	Aug-22	Nov-22
	1011	Units 7-10 New Raw Water Tank	1,000,000	1,000,000	Jul-22	Jan-23
	1015	Water Treatment and Technical Assistance Cooling Water System	232,727	Not eligible	Not eligible	Not eligible
	1012	Structural Repairs Fuel Service Tank 10	647,000	647,000	Oct-22	Mar-23
	N/A	Repair to Masive Notification System-	9,775	9,775	N/A	N/A
	N/A	Repairs to Tank Farm RESERVA BUNKER-C, CENTRAL SAN JUAN	99,723	99,723	N/A	N/A
	N/A	Purchase and Installation 36,000BTU Boilers lunch room CSJ	3,995	3,995	N/A	N/A
	N/A	Purchase and installation 12,000BTU NPDES Office CSJ	995	995	N/A	N/A
	N/A	Roof impermeabilization- TMG North	185,743	185,743	N/A	N/A
	N/A	Offices, buildings and facilities rehabilitation works	171,016	171,016	N/A	N/A
10702	672950	FAAST Costa Sur Permanent Repairs 5 & 6	39,513,473	42,299,739		Oct-24
	3046	Traveling Screens Replacement	5,000,000	5,000,000	Jan-23	Oct-24
	3047	Replacement of Regulator Valves for Boiler Feed Water Units 5 & 6	301,664	301,664	Oct-22	Nov-22
	3048	Low Pressure Water Heater 3 Repair Work	400,000	400,000	Oct-22	Nov-22
	3049	Procurement of Water Heater 5 (Deaerator) Spare Pump	400,000	400,000	Oct-22	Feb-23
	3050	Procurement & Replacement of Air-Preheaters Baskets, Unit 5	1,966,083	1,966,083	Oct-22	Nov-22
	3051	Replacement of Air-Preheaters Baskets, Unit 5	700,000	Consolidated 3050	Oct-22	Nov-22
	3052	CCWP and BCWP Spare Motors for Units 5 and 6	865,670	865,670	Aug-22	Jan-23
	3053	Procurement of (IDF) and (FDF) Spare Motors for Units 5 and 6	1,160,000	1,160,000	Jun-23	Dec-23
	3054	Procurement of Condensate Pump (CP) Motor for Units 5 and 6	870,000	870,000	Jun-23	Dec-23
	3055	Replacement of Unit 5 Electric Load Center	285,000	285,000	Aug-22	Dec-22
	3056	Replacement of Excitation System Units 5 and 6	2,760,934	2,760,934	Oct-22	Jan-23
	3057	Replacement of 4160 V Electric Cable Normal Transformer 5A, 5B	375,000	375,000	Jul-22	Jun-23
	3058	CS 5Major Inspection Unit 5 - HP/IP/LP Turbine Rotor Replacement	5,902,222	9,388,488	Oct-22	Dec-22
	3059	Unit 5 Boiler Replace and Repairs & Auxiliary Equipment Repairs	9,000,000	9,000,000	Oct-22	Feb-23
	3060	Water Heater 6 Replacement Work	2,000,000	2,000,000	Dec-22	Dec-23
	3062	Unit 6 - HP/IP/LP Inspection (Failure) - To be combined w/ 3058	1,060,531	1,060,531	N/A	Oct-21
	3063	BFWP Inner Barrel Bundle	1,625,954	1,625,954	Sep-21	Dec-22
	3065	Unit 6 LP-B Repair & Instalation Work (Failure)	2,076,415	2,076,415	N/A	Dec-21
	3067	Fuel Igniters Replacement Work	2,364,000	2,364,000	Oct-22	Oct-22
	3066	AGC - Replacement Project	400,000	400,000	Aug-22	Oct-22
10694	673006	FAAST Costa Sur Permanent Repairs	1,250,000	1,250,000		Nov-22
	3061	Caustic Soda and Acid tanks replacement works	750,000	750,000	Jul-22	Nov-22
	3068	Upgrade to Foxboro Simulation System	500,000	500,000	Jul-22	Aug-22
10606	662957	FAAST Palo Seco Steam Plant Unit 3-4	29,474,423	28,774,423		Jan-24
	4069	PS 3 Procurement and Delivery of Water Wall Boiler Tubes and Economizer	4,028,051	4,028,051	Aug-22	Jan-23
	4070	PS 3 Low Pressure Turbine Rotor Refurbished, Unit 3	3,500,000	3,500,000	Aug-22	Jan-23
	4073	PS 4 Refractory, Insulation, scaffolding and Painting	700,000	700,000	Aug-22	Jan-23
	4074	Contract, on request, for Crane Services PS4	700,000	Not Eligible	Not Eligible	Not Eligible
	4075	Procurement Turning Gear System, Units 3 and 4	295,382	295,382	Mar-22	Jul-22
	4079	Upgrade to Mark VI e	500,000	500,000	Jul-22	Aug-22
	4080	Unit 4, Superheater Header Num. 5 Material and Installation	2,243,385	2,243,385	Jun-23	Jan-24
	4081	PS3 Boiler Repairs; MPT, Generator and turbine Repair & Aux. Equipment	15,000,000	15,000,000	Nov-22	Mar-23
	N/A	New (4) Cell FRP Counterflow Cooling Tower	1,432,954	1,432,954	N/A	N/A


	N/A	2 Ultra-High Image Resolution IP cameras	25,142	25,142	N/A	N/A
	N/A	Federal Alert System	9,509	9,509	N/A	N/A
	N/A	General repairs to units - Hurricane Damages	1,040,000	1,040,000	N/A	N/A
10609	671481	FAAST Palo Seco Steam Plant Permanent Repairs	4,532,378	3,482,578		Jun-24
	4071	Fuel Tanks Level Measurement System	550,000	550,000	Jan-23	Jun-24
	4072	Water Retention Tank Num. 3	800,000	800,000	Aug-22	Jan-23
	4076	New Water Condensate 1-2 Tank	1,000,000	1,000,000	Nov-23	Mar-23
	4077	Mega-Gens Environmental Comissioning	1,036,800	Consolidated 334509	N/A	Jun-22
	4078	Upgrade OSI DCS	1,145,578	1,132,578	Jul-22	Aug-22
	5082	Spare Generator Breakers for Frame 5000 Hitachi Gas Turbines	650,000	To be submitted	Jan-23	Jun-23
	5083	Procurement of Turbo-Compressors for Frame 5000 Gas Turbines	7,800,000	To be submitted	Jan-23	Dec-23
	5084	Procurement of Spare Speed Reduction Gear for Frame 5000 Gas Turbines	1,560,000	To be submitted	Jan-23	Dec-23
	5085	New Spare Three Exhaust Plenums for Frame 5000 Gas Turbines	780,000	To be submitted	Jan-23	Dec-23
	5086	Three Exhaust Gas Diffusion Ducts for Frame 5000 Gas Turbines	390,000	To be submitted	Jan-23	Dec-23
	5087	Major Outage Turbo -compressor (CT) 15 units	39,000,000	To be submitted	Jan-23	Dec-24
10607	663383	FAAST Camalache Power Plant Permanent Repairs	16,538,588	2,038,588		Jun-24
	6088	Unit 1 Rehabilitation	Pending	Pending	Mar-23	Sep-23
	6089	Control System Power Plant Maintenance -Generator and Technical Services	2,500,000	Not Eligible	Jan-24	Jun-24
	6090	Automatic Voltage Regulator & SFC Upgrade for 2 Units	1,043,000	1,043,000	Aug-22	Feb-23
	6091	LTSA Units Camb 1, 2, 3	12,000,000	Not Eligible	Jun-23	Dec-23
	N/A	Sanitary Water Pumping System	58,230	58,230	N/A	N/A
	N/A	Hydraulic Equipment	42,296	42,296	N/A	N/A
	N/A	Different Areas of the Generation Plant	199,676	199,676	N/A	N/A
	N/A	Different A/C of the Generation Plant	48,300	48,300	N/A	N/A
	N/A	Generation Plant Fences	199,750	199,750	N/A	N/A
	N/A	Storm Water Pump System	344,265	344,265	N/A	N/A
	N/A	Fuel Transfer Pump	3,579	3,579	N/A	N/A
	N/A	Cable Trays	60,000	60,000	N/A	N/A
	N/A	Lighting	39,492	39,492	N/A	N/A
10455	663385	FAAST Mayaguez Hydro-Gas Power Plant Permanent Repairs	18,192,583	18,192,583		Jul-22
	7092	Unit 1A, 1B and 4A Rehabilitation	17,995,020	17,995,020	Mar-22	Jul-22
	N/A	Variable frequency control water pump	12,079	12,079	N/A	N/A
	N/A	Fuse	70,809	70,809	N/A	N/A
	N/A	REPARACION DE VERJA DEL TANQUE DE COMBUSTIBLE 1 EN HMA	34,500	34,500	N/A	N/A
	N/A	CELL, SAMPLE, TM820V-400, AVANTECHTORAY MEMBRANES	80,175	80,175	N/A	N/A
TOTAL				207,387,986		

Incremental Operation and Maintenance Budget

Description	Additional Need	Budget
Legal & Professional Advisors	\$ 5,000,000.00	Holdco
Additional Third Party Services for Division Expenses	\$ 5,300,000.00	Genco
Additional Materials and Supplies Gen	\$ 5,200,000.00	Genco
Design and Engineering	\$ 500,000.00	Genco
Project Management	\$ 1,500,000.00	Genco
Technical Advisor	\$ 2,500,000.00	Genco
Total	\$ 20,000,000.00	



Incremental NME



Unit	Description	Project Cost	Additional Need
All Units	Forced Outage - Blanket		\$ 6,000,000.00
All Units	cost of living increase - Blanket		\$ 2,000,000.00
Mayaguez	Mayagüez 3B		\$ 3,100,000.00
Cambalache	Unit 1	\$ 18,000,000.00	\$ 7,300,000.00
Palo Seco 3	Auxiliary Equipment		\$ 2,210,000.00
San Juan 7	Boiler Pressure Parts		\$ 1,100,000.00
Aguirre	Boiler Improvement U-2 - Aguirre Steam Plant		\$ 743,176.00
Aguirre	Boiler Improvement U-1 - Aguirre Steam Plant		\$ 795,594.30
Aguirre	Turbo Generator Improvement Unit 1		\$ 7,221,229.70
Aguirre	Reconstruction Structure of the Pumping Discharge Station Channel		\$ 1,200,000.00
Aguirre Cycle Combin	Unit 1-3 MI - Inspect & Repair Turbine Rotor & Buckets		\$ 340,000.00
Aguirre Cycle Combin	Unit 1 - 2 - Generator Rotor		\$ 1,500,000.00
Aguirre Cycle Combin	Unit 1 - 4 - Generator Rotor		\$ 1,200,000.00
Aguirre Cycle Combin	Main Power Transformer	\$ 3,220,000.00	\$ 320,000.00
Aguirre Cycle Combin	Unit 1-3 MI - Remove, Inspect & Repair Compressor Rotor		\$ 480,000.00
Aguirre Cycle Combin	Unit 1-3 MI - Supply TA, Supervision & Labor for MI		\$ 900,000.00
Aguirre Cycle Combin	Unit 1-3 MI - Inspect, Repair & Coat Compressor Stator		\$ 350,000.00
Aguirre Cycle Combin	Unit 1-3 MI - 240 Tons Crane		\$ 90,000.00
Hydrogas	Spare Generator Breakers for Frame 5000 Hitachi Gas Turbines		\$ 750,000.00
Hydrogas	Procurement of Turbo-Compressor for Frame 5000 Gas Turbines		\$ 1,550,000.00
Hydrogas	Procurement of Speed Reduction Gear for Frame 5000 Gas Turbines		\$ 330,000.00
Hydrogas	Exhaust Plenums for Frame 5000 Gas Turbines		\$ 130,000.00
Hydrogas	Inlet Duct & Silencer Frame 5000 Gas Turbines		\$ 280,000.00
Hydrogas	Exhaust Gas Diffusion (Deflector) for Frame 5000 Gas Turbines		\$ 110,000.00
	Total		\$ 40,000,000.00

Exhibit 2
(Excel native file with list of PREPA contracts)

Exhibit 3
(Copy of PREPA contracts submitted sharefile link)