

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

NEPR

Received:

Sep 30, 2026

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IN RE: ELECTRIC SYSTEM PRIORITY
STABILIZATION PLAN

Case No.: NEPR-MI-2024-0005

Subject: Motion in Compliance with
Resolution and Order of August 31, 2026 and
Supplementing Responses Presented on
September 9, 2026

**MOTION IN COMPLIANCE WITH RESOLUTION AND ORDER OF AUGUST 31, 2026
AND SUPPLEMENTING RESPONSES PRESENTED ON SEPTEMBER 9, 2026**

TO THE ENERGY BUREAU:

COMES NOW, GENERA PR LLC (“Genera”), through its undersigned counsel and, very respectfully, states and prays as follows:

1. On August 31, 2026, the Puerto Rico Energy Bureau (“Energy Bureau” or “PREB”) issued a Resolution and Order in the instant proceeding (the “August 31 Resolution”) concerning the status, availability, operation, and maintenance of the temporary generation fleet associated with Priority Stabilization Plan (“PSP”) Activity No. 1.
2. Through the *August 31 Resolution*, the Energy Bureau ordered Genera and the Puerto Rico Electric Power Authority (“PREPA”) to submit, on or before September 9, 2026, their responses to the Requirements of Information (“ROIs”) included as Attachment A thereto. The Energy Bureau further directed that the responses be complete and organized by question number, supported by the underlying documents requested, and accompanied, where applicable, by spreadsheets in native format with all formulas and links intact.
3. On September 9, 2026, Genera filed its *Motion in Compliance with Resolution and Order of August 31, 2026* (“September 9 Motion”), through which it submitted its responses to

most of the ROIs directed to Genera in Attachment A to the *August 31 Resolution*, together with the supporting information and documentation then available.

4. In the *September 9 Motion*, Genera explained that, despite its best efforts, it required additional time to complete its responses to ROIs 5(j), 6(a), 6(b), 7(e), 7(f), 7(g), 8(c), 11, 12, 13, 14, 15, 16, 21, 22, and 26. Genera explained that these ROIs required highly technical, specific, and detailed information and that additional time was necessary to gather the corresponding documentation and coordinate with the relevant stakeholders. Accordingly, Genera requested a thirty (30)-day extension to complete its responses. Genera also requested the rescheduling of the Technical Conference to a date after all the ROIs had been answered.

5. On September 14, 2026, the Energy Bureau issued a Resolution and Order (“September 14 Resolution”) granting, in part, Genera’s request for extension of time to respond to the ROIs. Specifically, the Energy Bureau denied the 30-day extension but nonetheless afforded Genera until September 30, 2026, to complete and submit its responses to the remaining ROIs. However, the Energy Bureau denied the request to reschedule the Technical Conference, which took place on September 15, 2026. During the Technical Conference, the Energy Bureau reiterated that the remaining ROIs shall be answered by September 30, 2026.

6. Accordingly, and in compliance with the *August 31 Resolution* and the *September 14 Resolution*, Genera hereby submits, as **Exhibit A** to this Motion, its responses to the remaining ROIs directed to Genera in Attachment A to the *August 31 Resolution*, together with the supporting information and documentation identified therein.

7. With this submission, Genera has supplemented the responses previously presented with its *September 9 Motion* and has now fully responded to the ROIs directed to Genera pursuant to the *August 31 Resolution*.

8. Finally, Attachment 16 to the present Responses contains confidential and protected information. Accordingly, Genera requests that Attachment 16 be kept confidential pursuant to PREB's Policy on Management of Confidential Information, CEPR-MI-2016-0009, as amended on September 21, 2016. Through a separate filing, within the next ten (10) days, as set forth in Section A.2 of the PREB's policy on Management of Confidential Information, Genera will present a memorandum of law in support of its request to treat as confidential, and to protect as such, those attachments.

WHEREFORE, Genera respectfully requests that the Energy Bureau take notice of the foregoing, receive Genera's responses to the Requirements of Information attached hereto as **Exhibit A**, and deem Genera in full compliance with the requirement of the *August 31 Resolution*. Moreover, that the Energy Bureau accept Attachment 16 as a confidential filing and allow Genera to present a Memorandum in Support of the confidentiality designation within ten (10) days of this filing.

In San Juan, Puerto Rico, this September 30, 2026.

It is hereby certified that this motion was filed using the electronic filing system of this Energy Bureau, and that electronic copies of this Motion will be notified to the following attorneys who have filed a notice of appearance in this case, including: arivera@gmlex.net; RegulatoryPREBorders@lumapr.com; Emmanuel.porrogonzalez@us.dlapiper.com; laura.rozas@us.dlapiper.com; margarita.mercado@us.dlapiper.com.

ROMAN NEGRÓN LAW, PSC
Attorneys for Genera PR, LLC.
Citi Towers, Suite 1401
252 Ponce de León Ave.
San Juan, PR 00918
P.O. Box 360758
San Juan, PR 00936
Tel. (787) 979-2007

s/Luis R. Román Negrón
Luis R. Román Negrón
RUA 14,265

Exhibit A

Docket Number: NEPR-MI-2024-0005

In Re: Priority Plan for Electric Grid Stabilization

RE: Probe of the Status, Availability, Operation, and Maintenance of the Temporary Generation Fleet Sited Between the San Juan and Palo Seco Power Plants – Priority Stabilization Plan Activity No. 1; Requirement of Information; Technical Conference

5. Regarding the failures of Palo Seco TM-2500 Units 3 and 4:

- (j) For each Palo Seco unit that has required the replacement or refurbishment of fuel nozzles or other fuel-system components at any time since January 1, 2024: state the date the need was identified, the date the parts or services were ordered, the vendor, the quoted cost and delivery time, and the date the work was or is expected to be completed; state the effect of any pending work on the unit's ability to operate on each fuel; and explain any interval greater than ninety (90) days between identification of the need and completion of the work.

Response:

Please see Attachment 7.

6. GE Vernova performed a hot-section and combustor exchange on TM2500 Unit 557-238 at Palo Seco, at a cost of \$3,752,573.24. Siemens Energy, in turn, submitted a proposal for a similar hot-section repair of Palo Seco TM2500 Units 3 and 4, at a cost of \$4.5 million, which includes credits of \$600,000 for the Units 3 and 4 hot-section modules. The GE Vernova price for Unit 557-238 and the Siemens Energy proposal prices for Units 3 and 4 are summarized in the following tables.

Based on the information summarized in the tables above, answer the following:

- (a) Were these prices obtained through a competitive procurement process in which both vendors participated under the same terms, conditions, and scope of work? If so, identify the solicitation and provide the record of the process; if not, explain why not.

Response:

Genera's first and quickest option to perform the required repairs was through GE Vernova ("GE"), the OEM of the units. This strategy would help preserve OEM standards, reliability on repairs performed and time before the peak demand season. Genera had in place a Master Service Agreement ("MSA") with GE, which allowed us to immediately assess the situation with the OEM, request a proposal and issue a task order for the repair of the unit. After an initial assessment of TM2500 Unit 557-238, additional damages were found that would delay the repairs and increase the costs. Hence, Genera decided to shift repair efforts to TM2500 Unit 557-251 instead of TM2500 Unit 557-238. Genera did not launch an RFP for this repair due to the urgency of the situation noted above.

Negotiations with Siemens Energy regarding the proposed hot-section repairs for Units 3 and 4 remain ongoing.

- (b) Given that the repair of Unit 557-238 was performed on an emergency basis, explain why the GE Vernova price does not reflect a credit for the hot-section module, comparable to the \$600,000 credit included in the Siemens Energy proposal for Units 3 and 4. State whether such a credit was requested or negotiated with GE Vernova and, if not, why not.

Response:

Genera used an MSA with the OEM to repair TM2500 557-251 not an emergency process or contract. As the OEM, GE has access to the original equipment drawings, specifications, and OEM parts, and is able to provide OEM-backed warranties for the work performed and components supplied. There is little to none, leverage when negotiating with an OEM. Genera took into consideration all available options and negotiated all terms as a prudent operator but comparing original parts and services backed by the OEM against generic or reversed engineered parts, is not comparable under the same lens.

7. Regarding the ten (10) units located at the San Juan Power Plant:

- (e) Identify every failure or event since January 1, 2025, involving a shared or common system—including auxiliary switchgear, electrical interconnection or protection equipment, fuel supply, or water-treatment supply—that affected more than one unit simultaneously or removed more than one unit from service. For each such event, provide: the date and time; the units affected and the duration of each unit's outage; the root-cause analysis; the corrective and preventive actions taken and their completion status; and any repair that remains pending, with its estimated completion date.

Response:

Please see Attachment 8.

San Juan GT-9 suffered a forced outage in January 2025 and later in June 2025 Palo Seco GT-4 experienced a failure. Because of these failures, and looking to improve its operational practices, Genera PR LLC, in August 2025, began gathering and collecting operational data, detailed failure-events reports and maintenance records related to the TM2500. Accordingly, Attachment 8 reflects the responsive information available to Genera PR LLC based on the records collected and provided through this process.

- (f) State whether the electrical installation supporting these units—including switchgear, breakers, relays and protection schemes, cable terminations, grounding, and environmental enclosures—is adequate for extended operation through December 31, 2027, as the PSP prescribes. Identify any component installed on a temporary or emergency basis that has not been brought to a standard suitable for extended operation, and describe the scope, cost, schedule, and funding source of any program to weatherize, enclose, or otherwise harden that installation.

Response:

Please see Attachment 9. Due to the temporary nature of the installation of these units, Genera developed a Scope of Work for a third-party contractor to assess the existing protection relay scheme and identify any upgrades necessary to meet applicable IEEE standards and support continued operation. Please refer to Attachment 10, which contains the applicable Scope of Work.

Upon completion of the assessment, Genera will be in a better position to determine whether any upgrades or modifications are required for the continued operation of the units through December 31, 2027, including the applicable scope, cost, schedule, and funding requirements.

- (g) For each repair or refurbishment of these units or of their supporting electrical systems performed by a third-party contractor since January 1, 2025: identify the contractor and the scope of work; describe the acceptance testing and quality-assurance oversight applied to the work; state whether the equipment involved failed after the work was performed; and identify any claim, back-charge, withheld payment, or other remedy that has been asserted or is under evaluation for deficient work.

Response:

On December 16, 2025, TM Unit GT-01 returned to service after refurbishing work performed by a third-party contractor on the auxiliary switchgear. On January 22, 2026, at approximately 22:50 hrs, and following a period of heavy rainfall and high ambient humidity, TM Unit GT-01 experienced an electrical failure in the auxiliary 13 kV switchgear. This failure caused an immediate trip that temporarily affected all San Juan TM2500 units and the Veolia demineralized water treatment plant.

Generally, auxiliary switchgear equipment should be in an enclosure, preventing rainfall and humidity from affecting or interfering with electrical connections. However, this is not the case. The TM2500s Units were installed by the U.S. Army Corps of Engineering through the temporary power project in 2023, after hurricane Fiona, as a temporary relief measure to mitigate the power shortage suffered by the Puerto Ricans due to the decaying state of PREPA's generation fleet.

The installation made by the Army Corps of Engineers was temporary as the project itself was named "temporary power mission", in other words, it was not designed to operate the TM2500s for an extended period. This includes the unfitting installation of (i) relays, (ii) protections, (iii) electrical power

equipment, (iv) switchgears, among others, that are not adequate for the extended operation of the TM2500s.

Summary

- **The specific component(s) that failed** – 13 kV auxiliary switchgear associated with GT-01.
- **The technical cause of the failure** – Field inspection and review identified improper insulation on bus bars that likely produced an electrical flashover between Phase A and the auxiliary switchgear. Additional evidence of tracking on Phases B and C at terminal connections indicates tracking to ground attributable to faulty cable terminations and lack of proper shield-ground termination.
- **Whether the failure was sudden, progressive, or the result of a known unresolved condition** – Sudden electrical failure (not progressive), precipitated by compromised insulation/terminations and exposure to adverse environmental conditions.

8. Provide the following information separately for each of the fourteen (14) turbine-generator units:
- (c) Maintenance history for at least the past three years: planned/preventive maintenance performed; corrective maintenance performed; major inspections; overhauls; component replacements; major repairs; emergency repairs; maintenance recommendations that remain outstanding; deferred maintenance; maintenance intervals established by the manufacturer; maintenance intervals followed; and any deviations from the manufacturer's recommended maintenance program. Provide copies of any available maintenance reports, inspection reports, work orders, service reports, maintenance logs, overhaul reports, technical reports, condition-monitoring reports, vibration-analysis reports, electrical-testing reports, thermographic inspections, and other relevant diagnostic reports. For each unit, state the manufacturer's recommended interval for each major inspection milestone—including hot-section inspection or exchange—together with the date, and the accumulated operating hours, at which each such milestone was last performed; the operating hours accumulated since; and, for any unit for which a milestone is past due, the date on which the past-due condition was first identified, the estimated cost and lead time of the work at that time, and each action taken since to procure and schedule it.

Response:

Please see Attachment 11.

11. Identify every request that Genera has made, since it assumed operation of the units, to PREPA or to any other entity for funding of TM2500 repairs or maintenance outside the annual operations and maintenance budget, including any request for the funding or replenishment of any forced-outage, extraordinary-repair, or similar reserve account established under the operative agreements. For each request, state the date, the amount, the units and scope of work involved, the account or mechanism invoked, and the response received. Provide the funding history and current balance of each such account and, where Genera contends that an account was not funded or replenished, identify the party responsible and describe each step Genera took to pursue the funding and every alternative source of funds it evaluated.

Response:

Please refer to June 25, 2026 motion filed in docket NEPR-MI-2021-0004 and Attachment 12 (email to USDOE).

12. Provide a list of the most common technical problems experienced by the fourteen (14) units. For each problem, provide: description of the problem; affected unit(s); number of occurrences; date(s) of occurrence; root cause, if determined; corrective action taken; cost of repair; duration of outage; whether the problem has recurred; whether a permanent corrective action has been implemented; whether the problem was reported to the manufacturer/OEM; whether the problem was covered by warranty; whether a warranty claim was submitted; and the status of any warranty claim. Distinguish between recurring problems and isolated failures.

Response:

Please see response to RFI #7(e).

13. Provide an incident report including: unit identification; date and time of the incident; operating condition at the time of failure; description of the failure; location/component where the short circuit originated; cause of the short circuit; cause and extent of the resulting fire; equipment and components damaged; personnel safety impacts, if any; and duration of the resulting outage. Provide copies of the failure investigation report, root cause analysis (RCA), electrical investigation, fire investigation, inspection reports, photographs, testing results, manufacturer/OEM assessment, insurance investigation (if applicable), and any independent third-party investigation.

Response:

Please see response to RFI #7(e).

14. Describe in detail the corrective actions: how the damaged equipment was repaired or replaced; components replaced; testing performed following the repair; commissioning/recommissioning procedures; whether the unit returned to service; the date the unit returned to service; total repair cost; and total outage duration.

Response:

Please see response to RFI #7(e).

15. Identify all preventive actions taken to prevent recurrence, including: design modifications; protection-system modifications; electrical protection changes; relay/protection-setting changes; additional inspections; additional testing; changes to maintenance procedures; changes to operating procedures; replacement of similar components in other units; inspections of the remaining thirteen (13) units; recommendations issued to the other units; and any OEM recommendations. Indicate whether these preventive actions were implemented across all fourteen (14) units and provide documentation demonstrating completion.

Response:

Please see response to RFI #7(g).

16. Provide a complete inventory of critical spare parts available for fourteen (14) units. For each spare part, provide: part description; part number; manufacturer/OEM; quantity available; location; condition; and date acquired.

Response:

Please see Attachment 13.

21. Provide all inspection reports, condition assessments, and GE field service reports for each of the fourteen (14) TM2500 units covering the period from PREPA's acquisition through the present. Identify any unit that has experienced a major inspection milestone (Hot Section Inspection or Major Overhaul) and describe what was done.

Response:

Please see answer to RFI #8(c).

22. As of the December 2025 hearing in Case No. NEPR-AP-2023-0003, Genera represented that 21 Field Operator Technicians, 9 Field Supervisors, and 1 Senior Gas Turbine SME, among others, support TM2500 operations, with staffing allocated across all units based on system needs rather than assigned per unit. Provide the current staffing matrix for TM2500 operations, including the number of personnel on each shift at Palo Seco and San Juan, and demonstrate how this staffing level is consistent with GE's recommended operations and maintenance staffing for aeroderivative turbines.

Response:

The TM2500 crew operate on a rotating 12-hour shift schedule. At both Palo Seco and San Juan, each shift is currently staffed with two Field Operators and one Field Supervisor, resulting in a total staffing level of 12 personnel per site across the rotating shift structure.

GE has not provided Genera with a prescribed or recommended minimum staffing level for the operation and maintenance of the TM2500 units. Accordingly, Genera's staffing levels are established based on operational requirements, site conditions, workload, and system needs rather than a specific GE staffing matrix or minimum personnel requirement.

26. For each of the three (3) Pratt & Whitney Power Systems (PWPS) FT8 MOBILEPAC gas turbine units in Palo Seco, provide the information specified in Question 9(a) through 9(c) above (unit identification; operating history; and maintenance history, with supporting documents).

Response:

Please see Attachment 14, 15, and 16.

Attachment 7

Site	Unit ID	Date of Identified	Date Ordered	Vendor	Cost	Delivery Time	Date received	Pending work
Palo Seco	TM04	1/22/2025	Done by NFE					
Palo Seco	TM02	8/22/2025	Done by NFE					
Palo Seco	TM03	12/3/2025	1/21/2026	GESA	\$ 182,890	84 days after recieval	6/8/2026	Need To replace Hot Section (June 2026 Borescope Inspection)

Attachment 8

Unit	Description	Out Date	In Date	Duration (Hrs)	Corrective Action
Palo Seco TM 2	Fuel nozzles/valves	4-Aug-25	16-Aug-25	282.27	Fuel nozzles in the combustion chamber were replaced and an axial wash was performed on the turbine. After the interventions, the operational stability of the unit was verified and the Temperature readings were normalized.
San Juan TM 1	Miscellaneous plant auxiliary process and services	6-Aug-25	7-Aug-25	15.85	FCV-2001 (Gas Fuel Metering VLV) Functional tests were carried out, review and simulation at sensors were reviewed and sinus tested to the control loop, and the connections on the control cards were tightened.
San Juan TM 1	Stator windings, bushings, and terminals	7-Sep-25	7-Sep-25	4.6	Wire harness replaced with spare harness.
Palo Seco TM 3	Other exciter problems	9-Sep-25	9-Sep-25	4.72	Micronet was resetted, initiated the startup for the unit, and synchronized successfully.
Palo Seco TM 2	Bearings	12-Sep-25	13-Sep-25	1.72	Inspection and cleaning of Magnetic Chip Detector D to determine bearing conditions.
San Juan TM 2	Other miscellaneous balance of plant problems	17-Sep-25	17-Sep-25	11.41	Repairs on the IIR pumps, correcting the gas leak.
San Juan TM 7	Other service water problems	21-Sep-25	30-Sep-25	215.75	The FCV-2019 was replaced and the driver was calibrated.
San Juan TM 1	Switchyard or high voltage system problems	16-Oct-25	31-Oct-25	356.9	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. The output cables were left disconnected in order to normalize the rest of the plant.
San Juan TM 2	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 3	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 5	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 6	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 7	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 8	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 10	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 1	Breaker on the Main Power Transformer opened, causing a trip to the rest of the units.	16-Oct-25	31-Oct-25	368.81	Unit was isolated and proceeded to close the breaker on the Main Power Transformer. GT-01 output cables were left disconnected in order to normalize the rest of the plant. Works are ongoing.
Palo Seco TM 3	Service water pump failure	13-Nov-25	13-Nov-25	2.53	Replaced water injection pump.
San Juan TM 10	Hydraulic oil system pumps	17-Nov-25	18-Nov-25	16.22	Replaced the hydraulics pumps.
San Juan TM 8	Clogged Fuel nozzles/valves	23-Nov-25	23-Nov-25	1.88	Undisloped the fuel nozzles.
San Juan TM 7	Clogged Fuel nozzles/valves	23-Nov-25	24-Nov-25	12.33	Undisloped the fuel nozzles.
Palo Seco TM 3	High speed (Water Wash)	30-Nov-25	30-Nov-25	3.35	Gas turbine/compressor washing.
San Juan TM 1	Breaker on the Main Power Transformer opened, causing a trip to the rest of the units.	1-Dec-25	16-Dec-25	375.67	Forced outage continuation from last month. Unit was isolated and proceeded to close the breaker on the Main Power Transformer. GT-01 output cables were left disconnected in order to normalize the rest of the plant.
Palo Seco TM 3	T54 High Temperature spread	3-Dec-25	31-Dec-25	677.88	Pending new fuel nozzles. Still out of service.
San Juan TM 8	T48 High Temperature spread	8-Dec-25	31-Dec-25	674.88	Out of service.
San Juan TM 4	CPU Card full micronet	16-Dec-25	16-Dec-25	201.1	IP address input re-entered.
Palo Seco TM 2	VSV Driver fault, cable E47 was disconnected from the servovalve	13-Dec-25	13-Dec-25	2.58	The cable was connected, everything was put back in place and the alarm resetted.
San Juan TM 10	NOX Water Injection metering Valve demand and position FRK failing to operate	16-Dec-25	17-Dec-25	18.99	NOX Water injection replaced.
San Juan TM 2	Lubrication oil supply pressure	19-Dec-25	19-Dec-25	1	Replacement of TLO supply and SCAVENGE filters.
San Juan TM 2	Generator Lube oil supply pressure	23-Dec-25	23-Dec-25	2.26	Replaced cable.
San Juan TM 2	Generator Lube oil supply pressure	28-Dec-25	28-Dec-25	1	Replaced the relay.
San Juan TM 10	Lube oil system general issue.	30-Dec-25	30-Dec-25	4.28	Lube oil system was cleaned.
San Juan TM 7	Issue with the water injection pump.	13-Jan-26	14-Jan-26	15.49	The water injection pump was replaced.
San Juan TM 2	Lube oil system problems.	18-Jan-26	18-Jan-26	2.05	Replaced N7 relay switch.
San Juan TM 1	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	31-Jan-26	193.17	Work in progress.
San Juan TM 2	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	27-Jan-26	114.35	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 3	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	27-Jan-26	114.35	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 4	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	26-Jan-26	91.53	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 5	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	24-Jan-26	44.02	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 6	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	24-Jan-26	44.02	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 7	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	24-Jan-26	44.02	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 10	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	24-Jan-26	44.02	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 5	Gas leak on manifold, 1-hubs and convoluted hoses.	22-Jan-26	26-Jan-26	125.12	Replaced gas manifold, 1-hubs and convoluted hoses.
San Juan TM 2	Lube oil system problems	2-Mar-26	2-Mar-26	0.42	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	4-Mar-26	4-Mar-26	12.22	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	7-Mar-26	7-Mar-26	0.45	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	17-Mar-26	17-Mar-26	0.32	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	19-Mar-26	19-Mar-26	1.5	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	20-Mar-26	20-Mar-26	1.33	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 6	NPT 1H Speed Derivative.	21-Mar-26	21-Mar-26	0.58	Replaced accelerometer.
San Juan TM 2	Blackstart Diesel Fuel Pump Failure.	21-Mar-26	26-Mar-26	116.72	Removed diesel fuel pump, none available in stock. A 480v external feeder was rerouted from GT-05 Switchgear to energize auxiliary equipments.
San Juan TM 3	Blackstart Diesel Fuel Pump Failure.	21-Mar-26	26-Mar-26	116.72	Removed diesel fuel pump, none available in stock. A 480v external feeder was rerouted from GT-05 Switchgear to energize auxiliary equipments.
San Juan TM 4	Liquid fuel primary manifold thermocouple failure	25-Mar-26	25-Mar-26	0.37	Replaced thermocouple on primary manifold liquid fuel system.
San Juan TM 2	Lube oil system problems	31-Mar-26	31-Mar-26	0.62	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Node fault.	2-Apr-26	2-Apr-26	1.35	System cleaned.
San Juan TM 7	Undiagnostic trip.	2-Apr-26	2-Apr-26	3.52	Unit restarted.
Palo Seco TM 2	Loss of 480V.	17-Apr-26	18-Apr-26	5.65	Repairs completed.
San Juan TM 2	Node fault.	28-Apr-26	30-Apr-26	15.48	System cleaned.
San Juan TM 2	Node fault.	28-Apr-26	28-Apr-26	0.73	System cleaned.
Palo Seco TM 2	VSV Driver failure.	29-Apr-26	30-Apr-26	14.2	VSV Pumps replaced.
San Juan TM 2	Node n-1 issues.	1-May-26	4-May-26	72.1	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	4-May-26	6-May-26	43.83	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	8-May-26	12-May-26	86.47	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	12-May-26	14-May-26	47.03	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	15-May-26	21-May-26	146.55	System cleaned and reset.
San Juan TM 10	Loss of mega vars controls.	19-May-26	19-May-26	2.62	Inspected and reset.
San Juan TM 10	N145 node fault.	23-May-26	23-May-26	3.48	Cleaned and reset.
San Juan TM 10	Breaker issue.	25-May-26	26-May-26	27.98	Breaker repaired.
San Juan TM 5	Main breaker failure.	25-May-26	25-May-26	2.1	Breaker fixed.
San Juan TM 3	Main breaker failure.	25-May-26	25-May-26	2.1	Breaker fixed.
San Juan TM 7	Main breaker failure.	25-May-26	25-May-26	2.1	Breaker fixed.
San Juan TM 2	Node n-1 issues.	28-May-26	31-May-26	79.48	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	28-May-26	28-May-26	0.83	System cleaned and reset.
San Juan TM 6	Synchronize fail.	2-Jun-26	2-Jun-26	0.83	Synchronize fixed.
San Juan TM 2	Node n-1 issues.	4-Jun-26	9-Jun-26	120.55	System inspected and reset.
San Juan TM 7	High temperature spread.	22-Jun-26	23-Jun-26	17.08	Technician replaced bolts.
San Juan TM 10	Instrumentation fail.	23-Jun-26	23-Jun-26	0.32	System inspected and reset.
San Juan TM 5	Swag not broken Water injection pump.	11-Jul-26	11-Jul-26	10.08	Water injection pump swapped and operated successfully.
San Juan TM 10	High blade path spread.	12-Jul-26	13-Jul-26	19.57	Clogged fuel nozzles.
San Juan TM 10	High blade path spread.	13-Jul-26	15-Jul-26	44.78	Fuel nozzles replaced.
San Juan TM 7	Loose gas lines causing leak.	14-Jul-26	14-Jul-26	1.32	Lines were tightened.
San Juan TM 4	Unit tripped due to a undiagnosed issue.	17-Jul-26	17-Jul-26	0.12	Unit was inspected and greenlit for return to service.
San Juan TM 7	Primary diesel skid tripped and left unit without fuel.	21-Jul-26	21-Jul-26	0.13	Pumps inspected and reset.
San Juan TM 4	Diesel skid trip and tripped the unit off.	22-Jul-26	22-Jul-26	0.35	System reset.
San Juan TM 7	Diesel skid tripped and left unit without fuel.	22-Jul-26	22-Jul-26	0.25	Pumps inspected and reset.
San Juan TM 7	High Lower Explosion Limit (LEL) detected in Enclosure. Unit was removed from service.	23-Jul-26	24-Jul-26	3.77	Lines were tightened.
San Juan TM 7	High Lower Explosion Limit (LEL) detected in Enclosure. Unit was removed from service.	24-Jul-26	25-Jul-26	23.32	Lines were replaced.
Palo Seco TM 2	Operating Procedure error involving auxiliary transformers. Tripped unit from loss of power.	31-Jul-26	31-Jul-26	3.53	Unit inspected and reset back to service.
San Juan TM 2	Faulty reading on Glo supply sensor.	5-Aug-26	5-Aug-26	1.95	Connections were cleaned and tested.
San Juan TM 10	VSV driver fault.	5-Aug-26	5-Aug-26	2.73	Inspected and reset.
San Juan TM 10	VSV driver fault.	5-Aug-26	5-Aug-26	15.93	Servo valve replacement for VSV.
Palo Seco TM 2	Loss of Transformer for the unit.	6-Aug-26	31-Aug-26	615.1	Pending.
San Juan TM 2	Faulty reading on turbine fuel supply sensor.	6-Aug-26	6-Aug-26	3.98	Sensor connections cleaned and tested.
San Juan TM 2	This enclosure Damper B closed.	8-Aug-26	8-Aug-26	5.68	Systems inspected and reset.
San Juan TM 2	Tripp enclosure Damper B closed.	9-Aug-26	9-Aug-26	3.1	Systems inspected and reset.
San Juan TM 2	Node connection issues.	10-Aug-26	11-Aug-26	13.47	Grounds and connections cleaned and tested.
San Juan TM 2	Node N1 tripp.	10-Aug-26	10-Aug-26	5.12	Connections cleaned and tested.
San Juan TM 4	Water injection pump failed.	10-Aug-26	10-Aug-26	2.13	Returned to service without Water Injection until replacement available.
San Juan TM 5	Water injection pump tripp.	10-Aug-26	10-Aug-26	2.28	Returned to service without Water Injection until replacement available.
San Juan TM 2	Node connection issues.	11-Aug-26	12-Aug-26	20.58	Connection cleaned and tested.
San Juan TM 2	Faulty sensor reading for oil level.	12-Aug-26	12-Aug-26	3.77	Bypassed sensor readings.
San Juan TM 10	reach correct speed, stuck at 1900 RPM.	15-Aug-26	17-Aug-26	50.7	Hydraulic pump, Gearbox and clutch were swapped.
San Juan TM 2	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 3	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 4	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 5	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 6	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 7	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 10	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 3	This due to Compressor sensor (P-8004) PISA. Loss of fuel supplier pressure. Hydraulic crank pump broke shaft.	27-Aug-26	29-Aug-26	44.82	Sensor was cleaned and calibrated. Breaker to hydraulic pump serviced, Hydraulic pump swapped.
San Juan TM 2		28-Aug-26	28-Aug-26	11	Hydraulic pump swapped out.

Attachment 9

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Indefinite-Delivery contracts

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USACE anticipates procurement and award of two (2) Indefinite-Delivery contracts for the Puerto Rico Power System Stabilization Project. Based on the anticipated scopes for each procurement provided below, please fill out and submit the form that best aligns with your company's capabilities. The responses requested in the surveys enable USACE to assess industry capabilities to satisfy each requirement and obtain additional relevant information to assist in the development of an acquisition strategy and plan.

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System Stabilization Power Generation Services

The contract is to provide temporary power generation for stabilization of the Power System of Puerto Rico. The work will consist of providing land based temporary generating units (dual fuel – LNG/diesel), temporary transformers, control cabling, and installation of equipment. In addition, the work will contain operation of the equipment, including maintenance, fuel, coordination with Puerto Rico Electric Power Authority (PREPA) and LUMA Energy on operation schedule and connections to their equipment. Individual scopes will be to provide specific amount of power at specified power plants that will supplement power to stabilize the power system while PREPA installs new permanent generators. Please fill out this additional information if interested in this scope.

If interested in this opportunity fill out this [form](#) and send it to PuertoRicoPower@usace.army.mil.

Transmission and Distribution (T&D) Repairs Services

Contracts for the Transmission and Distribution (T&D) include the procurement and installation of transformers, breakers, switches, relays, control cables, and duct banks for underground routing of cabling associated with the operation of equipment listed. The procurement and installation provide redundancy and resiliency to stabilize the T&D of the Puerto Power System and allows movement of energy throughout the system, including moving energy from the south side of Puerto Rico to the more populous northeastern region. Please fill out this additional information if interested in this scope.

If interested in this opportunity, please fill out this [form](#) and email it to PuertoRicoPower@usace.army.mil.

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Contracting opportunity with USACE

The contract is to provide temporary power generation for stabilization of the Power System of Puerto Rico. The work will consist of providing land based temporary generating units (dual fuel – LNG/diesel), temporary transformers, control cabling, and installation of equipment. In addition, the work will contain operation of the equipment, including maintenance, fuel, coordination with Puerto Rico Electric Power Authority (PREPA) and LUMA Energy on operation schedule and connections to their equipment. Individual scopes provide specific amount of power at specified power plants that will supplement power to stabilize the power system while PREPA installs new permanent generators. If interested in this opportunity, please see the solicitation posting on the SAM.gov website listed below.

<https://sam.gov/opp/74982163ff3243a4b718562cac8a0d46/view>



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Omaha District, partners successfully complete temporary power mission in San Juan

By Samuel Weldin January 15, 2024



[<https://api.army.mil/e2/c/images/2024/01/15/63bba29d/original.jpg>]

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SAN JUAN, Puerto Rico – The U.S. Army Corps of Engineers, Omaha District proudly announced the successful completion of a temporary power mission

project in San Juan, Puerto Rico. This Federal Emergency Management Agency led initiative aimed at restoring and improving electrical infrastructure in the region. This marks a significant step forward in the ongoing efforts to enhance the local power grid's resilience and reliability in the wake of Hurricanes Maria in 2017 and Fiona in 2022.

Fiona left thousands of residents without power for weeks and Maria resulted in not only the biggest, but the longest blackout in U.S. history, with hundreds of thousands of residents without power for more than 100 days total.

The temporary power mission included the installation of 16 temporary power generation systems at two antiquated powerplants located in the city of San Juan. The Palo Seco and San Juan powerplants, constructed in 1959 and 1964, have faced major stabilization issues since their erection. The instability was caused by a combination of factors, including outdated infrastructure, insufficient maintenance, extreme weather and natural disasters. Additionally, limited investment in grid maintenance and a history of financial instability within the island's power authority have hindered necessary upgrades and repairs.

Along with FEMA, the Omaha District worked together with the Jacksonville District Antilles Office, Baltimore District, and Savannah District to ensure mission success.

"Partnership has been essential to the success of this project. We leveraged resources and expertise from throughout the Enterprise," said Jeff Schwindaman, Chief, Civil Works Programs & Project Management Branch at the Savannah District. "The specialties and skills of this diverse team are what allowed us to quickly overcome all obstacles that we encountered. The size and priority of this mission would have overwhelmed any one District, but together we were able to deliver for the Nation."

The Omaha District's efforts were spearheaded by the Special Projects Rapid Response Technical Center of Expertise, led by program manager Tim Gouger.

“Rapid response was authorized over three decades ago to provide time sensitive execution for infrastructure repairs,” said Gouger. “We were called upon in this instance because of our expertise in time sensitive execution for a cost reimbursable risk management model and were here as an integrated project delivery team to accomplish that goal.”

Established in 1989 and executing more than 750 time-critical responses across the globe, the Special Projects Rapid Response team provides time-critical response and project execution, rapid response project initiation for transition to a host district for final execution, cost-reimbursable contract management training, cost-reimbursable contract oversight assistance, on-site support within 72-hours of receipt of funding, and on-site support to USACE and other federal agencies.

"This power mission is different, but not completely unfamiliar due to all the agencies involved, much like we did back in 2017 with the last big hurricane," said Anthony Kearney, a construction office representative with the Omaha District rapid response program. "We were brought here due to the expedited timetable to get this done, which is exactly what the Omaha District Rapid Response Program does."

This emergency response project aligns with the Omaha District's broader mission to strengthen the Nation's infrastructure and plays a critical role in bolstering disaster response capabilities across the United States and its territories through comprehensive planning, engineering and contracting capabilities.

“USACE was brought into this to support FEMA,” said Capt. Kerry Horan, a project engineer with the USACE Baltimore District. “Last fall, the governor of Puerto Rico requested support from the federal government. Assessments were made in fall and winter of 2022, and we were on site executing the mission by January 2022. It’s so impressive the way that USACE can bring experts anywhere, almost overnight across the globe, and accomplish the mission.”

The Palo Seco powerplant is currently generating an average of 153 megawatts per day and the Savannah District is poised to transition operations and maintenance of the plant to Puerto Rico authorities in December of 2023. The San Juan power plant was commissioned Sept. 27, 2023, generates 200 megawatts per day, and is poised to transition operations and maintenance in March of 2024.

“The power that we are generating is very sorely needed by the people of Puerto Rico,” Horan added. “Everyone involved, from the federal, state, or local level, has worked towards this very aggressively. We are all very proud to be able to deliver this mission.”

This 1.074 billion dollar project, while providing immediate relief, is also seen as a steppingstone in Puerto Rico's journey towards a more reliable and resilient power grid, acknowledging the importance of preparedness and long-term sustainability. This collaborative effort between many USACE Districts, Federal organizations, and local stake holders highlights the dedication of our Nation to rebuild and safeguard Puerto Rico's power infrastructure and build toward a more resilient future.

To learn more about the District's Mandatory and Technical Centers of Expertise, visit: <https://www.nwo.usace.army.mil/About/Centers-of-Expertise/>



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Attachment 10

Scope of Work for Study, Design and Installation of Protection and Relay Specifications for TM'S Units Located in San Juan and Palo Seco.

1. Purpose

The purpose of this Scope of Work (SOW) is to define the technical, engineering, and compliance requirements for the review, specification, coordination, and implementation of electrical protection and relay systems for the temporary units located in San Juan and Palo Seco TM2500, Gen 4, Gen 6, generation units. The work shall ensure safe, reliable, and compliant operation in accordance with NEEC requirements and applicable current electrical standards and industry best practices.

2. General Description of Work

The Contractor shall provide all engineering, supervision, materials, technical services, documentation, and support necessary to evaluate, specify, configure, and validate protective relaying and associated systems for TM2500 Gen 4 and Gen 6, generation units, located in the San Juan and Palo Seco area. These units were temporary generation that were installed after Hurricane Fiona and they are still giving support to the generation of the island, for this reason it is imperative to improve the reliability of these units by verifying protection and relays associated with this units. This includes generator, transformer, auxiliary systems, and interconnection protection to ensure personnel safety, equipment protection, system reliability, and regulatory compliance.

2.1 . Assessment of Existing Systems

Conduct a thorough assessment of the existing protection and relay systems in place for the TM 2500 units. This will include:

- Reviewing current relay settings and protection schemes.
- Identifying deficiencies and areas for improvement.
- Evaluating the compatibility of existing equipment with NEEC standards.

2.2 Design and Specification Development

The Contractor will develop detailed design and specifications for protection and relay systems, ensuring compliance with NEEC and current industry standards. This phase will include:

- Selection of appropriate relays and protection equipment, with the approval of the Genera-PR Company.
- Designing protection schemes for overcurrent, differential, and distance protection, with the approval of the Genera-PR Company.
- Creating detailed single-line diagrams and schematics.
- Specifying communication protocols and integration requirements.

2.3 Equipment Procurement

The contractor will Identify and procure the necessary protection and relay equipment. This will involve: Evaluating and Selecting the best fit solutions. The contractor will submit for approval the best fit solution with the approval of the genera-pr company. The Contractor will ensure all procured equipment meets NEEC and industry standards.

2.4. Installation and Commissioning

Oversee the installation and commissioning of the protection and relay systems. This will cover:

- Coordination with installation teams and contractors.
- Ensuring proper installation according to design specifications.
- Conducting thorough testing and calibration of relays and protection devices.
- Documenting installation and commissioning results.

2.5. Training and Support

Provide training and support for operational and maintenance staff.

This will include:

- Developing comprehensive training materials and manuals.
- Conducting training sessions on the operation and maintenance of the new protection and relay systems.

Offering ongoing technical support and troubleshooting assistance.

3. Applicable Codes, Standards, and References

All work performed under this SOW shall comply with, but not be limited to:

- NEEC requirements
- Applicable national and local electrical codes
- IEEE standards for protective relaying
- IEC standards where applicable
- Utility interconnection requirements
- Manufacturer technical manuals

4. Scope of Services

4.1 System Assessment and Review

- Review existing one-line diagrams and relay settings for both sites in San Juan and Palo Seco. If changes are needed in the units new one-line diagrams will be provided to the Genera-PR.
- Assess protection schemes and identify gaps for both sites in San Juan and Palo Seco. With the assessment if new protection schemes are needed detailed diagrams will be provided to the Genera-PR Team.

4.2 Protection Philosophy and Design Basis

- Define protection zones and selectivity criteria

4.3 Relay Specification and Selection

- Specify generator, transformer, feeder, and auxiliary protections

4.4 Coordination and Settings Development

- Perform coordination studies and develop relay settings

4.5 Compliance Verification

- Verify compliance with NEEC and applicable standards

4.6 Testing and Commissioning Support

- Support Factory Acceptance Testing, Site Acceptance Testing, and commissioning activities this will ensure that all protective relaying systems meet design and compliance requirements before being energized.

4.7 Documentation and Deliverables

- Protection philosophy
- Relay specifications
- Settings and coordination curves
- Compliance reports

5. Roles and Responsibilities

Contractor: Perform all engineering and compliance activities.

Owner/Utility: Provide system data and approve deliverables.

6. Quality and Safety Requirements

All work shall comply with quality assurance programs and applicable electrical safety standards.

7. Acceptance Criteria

The scope is complete upon approval of all deliverables and confirmation of compliance with NEEC and applicable standards.

Attachment 11

Maintenance History

Site	Unit ID	Start Date	Completion Date	Work performed	Exchanged Components	Performed By
San Juan	SJTM06	15-Jan-24	15-Jan-24	Fuel nozzle replacement	30 Fuel nozzles	GESA
San Juan	SJTM05	21-Jan-24	21-Jan-24	Fuel nozzle replacement	30 Fuel nozzles	GESA
San Juan	SJTM07	5-Feb-24	5-Feb-24	Fuel nozzle replacement	30 Fuel nozzles	GESA
San Juan	SJTM03	9-Feb-24	10-Feb-24	Replaced Replace both inboard and outboard shaft seals on drive and exciter ends of generator	Inboard and outboard shaft seals of generator	GESA
San Juan	SJTM08	11-Feb-24	12-Feb-24	Replaced Replace both inboard and outboard shaft seals on drive and exciter ends of generator	Inboard and outboard shaft seals of generator	GESA
Palo Seco	PSTM01	13-Feb-24	13-Feb-24	Replaced Replace both inboard and outboard shaft seals on drive and exciter ends of generator	Inboard and outboard shaft seals of generator	GESA
Palo Seco	PSTM02	14-Feb-24	14-Feb-24	Replaced Replace both inboard and outboard shaft seals on drive and exciter ends of generator	Inboard and outboard shaft seals of generator	GESA
Palo Seco	PSTM03	6-Mar-24	6-Mar-24	Fuel nozzle replacement	30 Fuel nozzles	PPG Energy
Palo Seco	PSTM02	16-Apr-24	21-Apr-24	Removed Top Case to replace stage 16 blades	72 Stage 16 Blades	Siemens Energy
Palo Seco	PSTM04	22-Apr-24	27-Apr-24	Removed Top Case to replace stage 16 blades	72 Stage 16 Blades, Actuator bracket	Siemens Energy
Palo Seco	PSTM01	13-May-24	17-May-24	Removed GG from package, replaced hot section components and reinstalled GG in the package	Replaced HPT Rotor, S1/S2 Nozzle and combustor	Siemens Energy
San Juan	SJTM03	12-Aug-24	12-Aug-24	Fuel nozzle replacement	30 Fuel nozzles	PPG Energy
San Juan	SJTM01	14-Aug-24	14-Aug-24	Fuel nozzle replacement	30 Fuel nozzles	PPG Energy
San Juan	SJTM03	18-Aug-24	18-Aug-24	The malfunctioning engine (S/N: 557-240) was removed and installed engine 557 – 258	Exchanged complete engine (557 – 240) with NFE engine 557 – 258	GESA
San Juan	SJTM06	22-Nov-24	23-Nov-24	Borescope Inspection	none	PPG Energy
San Juan	SJTM08	26-Nov-24	26-Nov-24	Borescope Inspection	none	PPG Energy
San Juan	SJTM01	29-Nov-24	29-Nov-24	Borescope Inspection	none	PPG Energy
San Juan	SJTM02	1-Dec-24	1-Dec-24	Borescope Inspection	none	PPG Energy
San Juan	SJTM03	4-Dec-24	4-Dec-24	Borescope Inspection	none	PPG Energy
San Juan	SJTM05	7-Dec-24	7-Dec-24	Borescope Inspection	none	PPG Energy
San Juan	SJTM07	13-Dec-24	13-Dec-24	Borescope Inspection	none	PPG Energy
Palo Seco	PSTM03	16-Dec-24	16-Dec-24	Borescope Inspection	none	PPG Energy
Palo Seco	PSTM04	20-Dec-24	20-Dec-24	Borescope Inspection	none	PPG Energy
Palo Seco	PSTM01	23-Dec-24	23-Dec-24	Borescope Inspection	none	PPG Energy
Palo Seco	PSTM02	27-Dec-24	27-Dec-24	Borescope Inspection	none	PPG Energy
San Juan	SJTM09	31-Dec-24	31-Dec-24	Borescope Inspection	none	PPG Energy
Palo Seco	PSTM04	22-Jan-25	22-Jan-25	Fuel nozzle replacement	30 Fuel nozzles, 30 primary fuel tube, 30 secondary fuel tube	PPG Energy
San Juan	SJTM05	25-Jan-25	25-Jan-25	Fuel nozzle replacement	30 Fuel nozzles, 30 primary fuel tube, 30 secondary fuel tube	PPG Energy
San Juan	SJTM04/SJT	22-May-25	21-Jun-25	The malfunctioning engine (S/N: 557-266) was removed from Unit 4 and installed into Unit 9. The functioning engine (S/N: 557-260) was removed from Unit 9 and installed into Unit 4.	Exchanged engines 4 and 9	GESA
San Juan	SJTM05	22-Jul-25	23-Jul-25	Gas leak detected around the CRF Top RHS area	Gas Manifolds replaced	SOM
San Juan	SJTM01	4-Aug-25	5-Aug-25	Borescope Inspection	none	SOM
Palo Seco	PSTM02	5-Aug-25	5-Aug-25	Borescope Inspection	none	SOM
San Juan	SJTM03	6-Aug-25	6-Aug-25	Borescope Inspection	none	SOM
San Juan	SJTM04	7-Aug-25	7-Aug-25	Borescope Inspection	none	SOM
San Juan	SJTM05	8-Aug-25	8-Aug-25	Borescope Inspection	none	SOM
San Juan	SJTM06	11-Aug-25	11-Aug-25	Borescope Inspection	none	SOM
San Juan	SJTM07	12-Aug-25	12-Aug-25	Borescope Inspection	none	SOM
San Juan	SJTM08	13-Aug-25	13-Aug-25	Borescope Inspection	none	SOM
San Juan	SJTM10	14-Aug-25	14-Aug-25	Borescope Inspection	none	SOM
Palo Seco	PSTM04	19-Aug-25	19-Aug-25	Borescope Inspection	none	SOM
Palo Seco	PSTM03	21-Aug-25	21-Aug-25	Borescope Inspection	none	SOM
Palo Seco	PSTM02	22-Aug-25	22-Aug-25	Fuel nozzle replacement	30 Fuel nozzles	SOM
Palo Seco	PSTM01	22-Aug-25	22-Aug-25	Borescope Inspection	none	SOM
San Juan	SJTM07	21-Sep-25	30-Sep-25	Replaced water control valve	water control valve FCV-2019	NFE
Palo Seco	PSTM03	13-Nov-25	13-Nov-25	The water injection pump was replaced.	WaterInjection pump	NFE
San Juan	SJTM07	13-Jan-26	14-Jan-26	The water injection pump was replaced.	Water Injection pump	GENERA
Palo Seco	PSTM01	8-Jun-26	8-Jun-26	Borescope Inspection	none	GESA
Palo Seco	PSTM03	9-Jun-26	9-Jun-26	Borescope Inspection	none	GESA
Palo Seco	PSTM04	10-Jun-26	10-Jun-26	Borescope Inspection	none	GESA
Palo Seco	PSTM02	11-Jun-26	11-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM01	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM02	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM03	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM04	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM05	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM06	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM07	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM08	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM09	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA
San Juan	SJTM10	12-Jun-26	12-Jun-26	Borescope Inspection	none	GESA

San Juan	SJTM10	13-Jul-26	15-Jul-26 Fuel nozzle replacement	30 Fuel nozzles	GENERA
San Juan	SJTM02	28-Jul-26	5-Aug-26 Replacement Hot Section & Combustor	Combustor, High Pressure Turbine Rotor, Stag 1 and 2 Nozzles	

Unit	Description	Out Date	In Date	Duration (Hrs)	Corrective Action
Palo Seco TM 2	Fuel nozzles/vanes	4-Aug-25	16-Aug-25	282.27	Fuel nozzles in the combustion chamber were replaced and an axial wash was performed on the turbine. After the interventions, the operational stability of the unit was verified and the Temperature readings were normalized.
San Juan TM 1	Miscellaneous plant auxiliary process and services instrumentation and controls	6-Aug-25	7-Aug-25	15.85	FCV-2001 (Gas Fuel Metering VLV) functional tests were carried out, review and simulation at sensors were reviewed and simulated to the control loop, and the connections on the control cards were tightened.
San Juan TM 1	Stator windings, bushings, and terminals	7-Sep-25	7-Sep-25	4.6	Wire harness replaced with spare harness.
Palo Seco TM 3	Other exciter problems	9-Sep-25	9-Sep-25	4.72	Micronet was resetted, initiated the startup for the unit, and synchronized successfully.
Palo Seco TM 1	Bearings	12-Sep-25	13-Sep-25	1.72	Inspection and cleaning of Magnetic Chip Detector D to determine bearing conditions.
San Juan TM 2	Other miscellaneous balance of plant problems	17-Sep-25	17-Sep-25	13.43	Repairs on the lift pump, correcting the gas leak.
San Juan TM 7	Other service water problems	21-Sep-25	30-Sep-25	215.75	The FCV-2019 was replaced and the driver was calibrated.
San Juan TM 1	Switchyard or high voltage system problems	16-Oct-25	31-Oct-25	356.9	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. The output cables were left disconnected in order to normalize the rest of the plant.
San Juan TM 2	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 3	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 5	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 6	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 7	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 8	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 10	Switchyard or high voltage system problems	16-Oct-25	17-Oct-25	38.08	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer.
San Juan TM 1	Breaker on the Main Power Transformer opened, causing a trip to the rest of the units.	16-Oct-25	31-Oct-25	368.83	Unit was isolated and proceeded to close the breaker on the Main Power Transformer. GT-01 output cables were left disconnected in order to normalize the rest of the plant. Works are ongoing.
Palo Seco TM 3	Service water pump failure	13-Nov-25	13-Nov-25	2.53	Replaced water injection pump.
San Juan TM 10	Hydraulic oil system pumps	17-Nov-25	18-Nov-25	16.22	Replaced the hydraulics pumps.
San Juan TM 8	Clogged Fuel nozzles/ vanes	23-Nov-25	23-Nov-25	1.88	Unclogged the fuel nozzles.
San Juan TM 7	Clogged Fuel nozzles/ vanes	23-Nov-25	24-Nov-25	12.33	Unclogged the fuel nozzles.
Palo Seco TM 3	High spread (Water Wash)	30-Nov-25	30-Nov-25	3.35	Gas turbine/compressor washing.
San Juan TM 1	Breaker on the Main Power Transformer opened, causing a trip to the rest of the units.	1-Dec-25	16-Dec-25	375.67	Forced outage continuation from last month. Unit was isolated and proceeded to close the breaker on the Main Power Transformer. GT-01 output cables were left disconnected in order to normalize the rest of the plant.
Palo Seco TM 3	T54 High Temperature spread	3-Dec-25	31-Dec-25	677.88	Pending new fuel nozzles. Still out of service.
San Juan TM 8	T48 High temperature spread	3-Dec-25	31-Dec-25	674.88	Out of service.
San Juan TM 4	CPU Card fail micronet	8-Dec-25	16-Dec-25	201.5	IP address input re-entered.
Palo Seco TM 2	VSV Driver fault, cable E47 was disconnected from the servovalve	13-Dec-25	13-Dec-25	2.58	The cable was connected, everything was put back in place and the alarm resetted.
San Juan TM 10	NOX Water Injection metering Valve demand and position FBK failing to operate	16-Dec-25	17-Dec-25	18.99	NOX Water injection replaced.
San Juan TM 2	Lubrication oil supply pressure	19-Dec-25	19-Dec-25	1	Replacement of TLO supply and SCAVENGE filters.
San Juan TM 2	Generator Lube oil supply pressure	23-Dec-25	23-Dec-25	2.26	Replaced cable.
San Juan TM 2	Generator Lube oil supply pressure	28-Dec-25	28-Dec-25	1	Replaced the relay.
San Juan TM 10	Lube oil system general issue.	30-Dec-25	30-Dec-25	4.28	Lube oil system was cleaned.
San Juan TM 7	Issue with the water injection pump.	13-Jan-26	14-Jan-26	15.49	The water injection pump was replaced.
San Juan TM 2	Lube oil system problems.	18-Jan-26	18-Jan-26	2.05	Replaced N47 relay switch.
San Juan TM 1	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	31-Jan-26	193.17	Work in progress.
San Juan TM 2	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	27-Jan-26	114.35	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 3	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	27-Jan-26	114.35	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 4	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	26-Jan-26	91.53	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 5	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	24-Jan-26	44.02	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 6	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	24-Jan-26	44.02	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 7	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	24-Jan-26	44.02	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 10	Due to a failure on the isolators from the metal clad cabinet near GT-01 the breaker on the Main Power Transformer opened causing a trip to the rest of the units.	22-Jan-26	24-Jan-26	44.02	The fault on the cabinet was isolated and proceeded to close the breaker on the Main Power Transformer. EDG#1 was repaired and 480v was available for auxiliary equipments on the unit.
San Juan TM 5	Gas leak on manifold, J-tubes and convoluted hoses.	23-Jan-26	29-Jan-26	126.12	Replaced gas manifold, J-tubes and convoluted hoses.
San Juan TM 2	Lube oil system problems	2-Mar-26	2-Mar-26	0.42	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	4-Mar-26	4-Mar-26	12.22	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	7-Mar-26	7-Mar-26	0.45	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	17-Mar-26	17-Mar-26	0.32	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	19-Mar-26	19-Mar-26	1.5	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Lube oil system problems	20-Mar-26	20-Mar-26	1.33	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 6	NPT Hi Speed Derivative.	21-Mar-26	21-Mar-26	0.58	Replaced accelerometer
San Juan TM 2	Blackstart Diesel Fuel Pump Failure.	21-Mar-26	26-Mar-26	116.72	Removed diesel fuel pump, none available in stock. A 480v external feeder was rerouted from GT-05 Switchgear to energize auxiliary equipments.
San Juan TM 3	Blackstart Diesel Fuel Pump Failure.	21-Mar-26	26-Mar-26	116.72	Removed diesel fuel pump, none available in stock. A 480v external feeder was rerouted from GT-05 Switchgear to energize auxiliary equipments.

San Juan TM 4	Liquid fuel primary manifold thermocouple failure	25-Mar-26	25-Mar-26	0.37	Replaced thermocouple on primary manifold liquid fuel system.
San Juan TM 2	Lube oil system problems	31-Mar-26	31-Mar-26	0.62	Verified generator oil levels and the connection to the oil level transmitter.
San Juan TM 2	Node fault.	2-Apr-26	2-Apr-26	1.35	System cleaned.
San Juan TM 7	Undiagnostic trip.	2-Apr-26	2-Apr-26	3.52	Unit restarted.
Palo Seco TM 2	Loss of 480V.	17-Apr-26	18-Apr-26	5.65	Repairs completed.
San Juan TM 2	Node fault.	28-Apr-26	30-Apr-26	53.48	System cleaned.
San Juan TM 2	Node fault.	28-Apr-26	28-Apr-26	0.73	System cleaned.
Palo Seco TM 2	VSV Driver failure.	29-Apr-26	30-Apr-26	14.2	VSV Pumps replaced.
San Juan TM 2	Node n-1 issues.	1-May-26	4-May-26	72.5	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	4-May-26	6-May-26	43.83	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	8-May-26	12-May-26	86.47	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	12-May-26	14-May-26	47.03	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	15-May-26	21-May-26	146.55	System cleaned and reset.
San Juan TM 10	Lost of mega vars controls.	19-May-26	19-May-26	2.62	Inspected and reset.
San Juan TM 10	N1n5 node fault.	23-May-26	23-May-26	3.48	Cleaned and reset.
San Juan TM 10	Breaker issue.	25-May-26	26-May-26	27.98	Breaker repaired.
San Juan TM 5	Main breaker failure.	25-May-26	25-May-26	2.1	Breaker fixed.
San Juan TM 3	Main breaker failure.	25-May-26	25-May-26	2.1	Breaker fixed.
San Juan TM 7	Main breaker failure.	25-May-26	25-May-26	2.1	Breaker fixed.
San Juan TM 2	Node n-1 issues.	28-May-26	31-May-26	79.48	System cleaned and reset.
San Juan TM 2	Node n-1 issues.	28-May-26	28-May-26	0.83	System cleaned and reset.
San Juan TM 6	Synchronizer fail.	2-Jun-26	2-Jun-26	0.83	Synchronizer fixed.
San Juan TM 2	Node n-1 issues.	4-Jun-26	9-Jun-26	120.55	System inspected and reset.
San Juan TM 7	High temperature spread.	22-Jun-26	23-Jun-26	17.08	Technician replaced bolts.
San Juan TM 10	Instrumentation fail.	23-Jun-26	23-Jun-26	0.32	System inspected and reset.
San Juan TM 5	Swap out broken Water injection pump.	11-Jul-26	11-Jul-26	10.08	Water injection pump swapped and operated successfully.
San Juan TM 10	High blade path spread.	12-Jul-26	13-Jul-26	19.57	Clogged fuel nozzles.
San Juan TM 10	High blade path spread.	13-Jul-26	15-Jul-26	44.78	Fuel nozzles replaced.
San Juan TM 7	Loose gas lines causing leak.	14-Jul-26	14-Jul-26	1.32	Lines were tightened.
San Juan TM 4	Unit tripped due to a undiagnosed issue.	17-Jul-26	17-Jul-26	0.12	Unit was inspected and greenlit for return to service.
San Juan TM 7	Primary diesel skid tripped and left unit without fuel.	21-Jul-26	21-Jul-26	0.13	Pumps inspected and reset.
San Juan TM 4	Diesel skid trip and tripped the unit off.	22-Jul-26	22-Jul-26	0.35	System reset.
San Juan TM 7	Diesel skid tripped and left unit without fuel.	22-Jul-26	22-Jul-26	0.25	Pumps inspected and reset.
San Juan TM 7	High Lower Explosion Limit (LEL) detected in Enclosure. Unit was removed from service.	23-Jul-26	24-Jul-26	3.77	Lines were tightened.
San Juan TM 7	High Lower Explosion Limit (LEL) detected in Enclosure. Unit was removed from service.	24-Jul-26	25-Jul-26	23.32	Lines were replaced.
Palo Seco TM 2	transformers. Tripped unit from loss of power.	31-Jul-26	31-Jul-26	3.53	Unit inspected and reset back to service.
San Juan TM 2	Faulty reading on Glo supply sensor.	5-Aug-26	5-Aug-26	1.95	Connections were cleaned and tested.
San Juan TM 10	VSV driver fault.	5-Aug-26	5-Aug-26	2.73	Inspected and reset.
San Juan TM 10	VSV driver fault.	5-Aug-26	6-Aug-26	15.85	Servo valve replacement for VSV.
Palo Seco TM 2	Loss of Transformer for the unit.	6-Aug-26	31-Aug-26	615.1	Pending.
San Juan TM 2	Faulty reading on turbine fuel supply sensor.	6-Aug-26	6-Aug-26	3.98	Sensor connections cleaned and tested.
San Juan TM 2	Trip enclosure Damper B closed.	8-Aug-26	8-Aug-26	5.68	Systems inspected and reset.
San Juan TM 2	Trip enclosure Damper B closed.	9-Aug-26	9-Aug-26	3.3	Systems inspected and reset.
San Juan TM 2	Node connection issues.	10-Aug-26	11-Aug-26	13.47	Grounds and connections cleaned and tested.
San Juan TM 2	Node N1 trip.	10-Aug-26	10-Aug-26	5.12	Connections cleaned and tested.
San Juan TM 4	Water injection pump failed.	10-Aug-26	10-Aug-26	2.13	Returned to service without Water Injection until replacement available.
San Juan TM 5	Water injection pump trip.	10-Aug-26	10-Aug-26	2.28	Returned to service without Water Injection until replacement available.
San Juan TM 2	Node connection issues.	11-Aug-26	12-Aug-26	20.58	Connection cleaned and tested.
San Juan TM 2	Faulty sensor reading for oil level.	12-Aug-26	12-Aug-26	3.77	Bypassed sensor readings.
San Juan TM 10	Hydraulic pump shaft broken, gas generator couldn't reach correct speed, stuck at 1900 RPM.	15-Aug-26	17-Aug-26	50.7	Hydraulic pump, Gearbox and clutch were swapped.
San Juan TM 2	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 3	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 4	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 5	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 6	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 7	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 10	Auxiliary Transformer connection opened.	23-Aug-26	24-Aug-26	37.97	Lightning rod and Breakers serviced.
San Juan TM 3	Trip due to Compressor sensor PT-8004 PS3. Loss of fuel supplier pressure. Hydraulic crank pump broke shaft.	27-Aug-26	29-Aug-26	44.82	Sensor was cleaned and calibrated, Breaker to hydraulic pump serviced, Hydraulic pump swapped.
San Juan TM 2	broke shaft.	28-Aug-26	28-Aug-26	11	Hydraulic pump swapped out.

Attachment 12

From: [Ricardo Pallens Cruz](#)
To: [Wells, David S.](#)
Cc: [Vladimir Scutt](#); [Winnie Irizarry](#); [Jesus M. Cintron Rivera](#); [Joaquin A Quinoy Ortiz](#)
Subject: RE: Puerto Rico - 202c Covered Units Down
Date: Monday, July 27, 2026 5:33:00 PM
Attachments: [Peaker Status and Planned Actions 071526.xlsx](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)

Good afternoon Mr. Wells,

In response to your recent email and our earlier conversation, I am attaching a table outlining the current availability status of the peaking units at both the San Juan and Palo Seco facilities. This summary provides a clear indication of which units are operational and identifies those currently offline. Please let me know if you have any questions or need further clarification on any specific unit.

Thank you for your attention, and I look forward to your feedback.

Trabajo en Equipo
Responsabilidad
Comunicación
Integridad
Excelencia
Seguridad
Respeto

Lcdo. Ricardo Palléns Cruz

Vice Presidente EHS & Regulatorio



[250 Munoz Rivera Ave, Suite 1200](#)

[San Juan, PR 00918](#)

www.genera-pr.com

From: Winnie Irizarry <winnie@genera-pr.com>
Sent: Monday, July 27, 2026 3:05 PM
To: Ricardo Pallens Cruz <ricardo.pallens@genera-pr.com>
Subject: Fw: Puerto Rico - 202c Covered Units Down

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From: Wells, David S. <david.wells@hq.doe.gov>
Sent: Monday, 20 July 2026 10:07:16

To: Winnie Irizarry <winnie@genera-pr.com>; Nieves Ayala, Ezequiel (AAPP) <ezequiel.nieves@p3.pr.gov>

Cc: josue.colon <josue.colon@p3.pr.gov>; Jereza, Catherine <catherine.jereza@hq.doe.gov>; Benitez, Jose <jose.benitez@hq.doe.gov>

Subject: FW: Puerto Rico - 202c Covered Units Down

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Hello everyone,

I understand the rough weekend and as we fix the old generation it will the results will be other weakness from age with show up in faults . This is why we need these new generation fulfillments to happen sooner then later. That said as an interim we have the TM generation why are all these units not in operation and what about the emergency generation why is not online?

Since we have the 10:30 Freedom operations call why don't we stay on after that call to discuss.

Regards,

David Wells

Senior Technical Communications Program Manager

DOE/OE Secure Communications Division (OE-20)

Email: david.wells@hq.doe.gov

Phone: +1-202-586-0080

Cell: +1-240-243-3954



From: Benitez, Jose <jose.benitez@hq.doe.gov>

Sent: Monday, July 20, 2026 9:38 AM

To: Wells, David S. <david.wells@hq.doe.gov>

Subject: Puerto Rico - 202c Covered Units Down

Dave,

I see in the system that San Juan TM Units 1, 2, 8, and 9 and Palo Seco TM Units 1, 3, and 4 are down. Each of these units is 25MW and covered by the 202c emergency order. Can you check what is going on with them? They should not be down since they are supposed to be high availability units.

Thanks.



José R. Benítez, P.E. Esq.

Senior Technical Advisor

Office of the Deputy

Secretary

OFFICE 202.586.9606

MOBILE 240.690.1270

Attachment 13

A19	Location	Cat Id X Reference	Catalog Id	Description	Re Order Point	QOH	Target Maximum	Units	Avg Unit Price	Column1	Catalog Status & Comments	
A19	San Juan	141-87647	87647	DETECTOR, UNQUALIFIED, 141-87647, COMBUSTIBLE GAS SENSOR,MODEL: C8SS10VZ91X,P/N 006824-004	5	0	10	EA	\$ 1,000.00	\$ 10,000.00	Due In 10, REQ374890	
A19	San Juan	141-87646	87646	SENSOR, UNQUALIFIED, 141-87646, SENSOR,LPT SHAFT SPEED/ SPEED ELEMENT, RELUCTANCE TYPE, PULSE	1	0	2	EA	\$ 35,000.00	\$ 70,000.00	Due In 2, REQ374890	
A19	San Juan	141-87645	87645	VALVE, SOLENOID, 141-87645, SOLENOID VALVE, 3/4" FSAE, NORMALLY CLOSED, 3/4" DIA. ORIFICE, 318 SS	2	0	4	EA	\$ 5,215.00	\$ 20,860.00	Due In 2, REQ374890	
A19	San Juan	141-87644	87644	MOTOR, OEM, 141-87644, MOTOR WATER INJECTION TO BE USED ON FT-8 GPS MOBILE PACS	1	0	2	EA	\$ 15,000.00	\$ 30,000.00	Due In 2, REQ374890	
A19	San Juan	141-87643	87643	SYNCHRONIZER, UNQUALIFIED, 141-87643, SYNCHRONIZER SPM - D2-10, P/N 8440-2167, WOODWARD TO BE USED ON GE TM	1	0	2	EA	\$ 10,000.00	\$ 20,000.00	Due In 1, REQ374890	
A19	San Juan	141-87642	87642	MOTOR, OEM, 141-87642, F-T8 TURBINE AC LUBE OIL MOTOR, GE 4 SN 58V533VAB00A000 TO BE USED ON	1	0	1	EA	\$ 10,000.00	\$ 10,000.00	Due In 1, REQ374890	
A19	San Juan	141-87633	87633	PUMP, OIL, 141-87633, G554 MAJOR KIT, FOR IMO- PUMP ACE 038NG NWP A412, SN 730484	1	0	2	EA	\$ 10,000.00	\$ 20,000.00	Due In 1,REQ371938	
A19	San Juan	141-87632	87632	PUMP, OIL, 141-87632, MINOR KIT POS 0553 P/N 190500, FOR IMO- PUMP ACE 038NG NWP A412	1	0	2	EA	\$ 5,000.00	\$ 10,000.00	Due In 1,REQ371938	
A19	San Juan	141-87631	87631	MOTOR, OEM, 141-87631, GENERATOR DC LUBE PUMP MOTOR (MOT-0034), 3HP, RPM 1750, VOLT 125 VDC,	1	0	2	EA	\$ 10,000.00	\$ 20,000.00	Due In 1,REQ371938	
A19	San Juan	141-87630	87630	PUMP, OIL, 141-87630, PANTEX MODEL # MPS 10030 (BASED ON DRIG400-MPS-1016 REV C) ROTATION	1	0	2	EA	\$ 20,000.00	\$ 40,000.00	Due In 1,REQ371938	
A16	Palo Seco	141-86895	86895	FUSE, POWER, 141-86895, 15.5 KV, MOUNT TRANSFORMER, MEDIUM VOLTAGE E-RATED FUSE LSSOOVAC 100A FERRULE, SERIES: DORO VISUAL	5	0	10	EA	\$ 1,004.88	\$ 10,048.80		
A19	San Juan	141-86895	86895	FUSE, POWER, 141-86895, 15.5 KV, MOUNT TRANSFORMER, MEDIUM VOLTAGE E-RATED FUSE LSSOOVAC 100A FERRULE, SERIES: DORO VISUAL	5	0	10	EA	\$ 1,004.88	\$ 10,048.80		
A16	Palo Seco			SOL CAT FCV1103 FUEL GAS CONTROL VALVE	0					\$ 140,000.00	Catalogo creado	
A16	Palo Seco	109-87655	87655	ELECTRIC MOTOR AC KAYDON MODEL KLC30H FR 2157, 460VAC SHP 1745RPM	0	2	EA	\$ 2,000.00	\$ 4,000.00		Due In 2	
A16	Palo Seco	141-87654	87654	F-T8 TURBINE AC LUBE OIL MOTOR, BALDOR CT116789	0	1	EA	\$ 10,000.00	\$ 10,000.00		Due In 1	
A16	Palo Seco	115-87659	87659	VIKING PUMP KAYDON MODEL KLC30H, SN 12725602	0	1	EA	\$ 3,000.00	\$ 3,000.00		Due In 1	
A19	San Juan		87684	PUMP UNQUALIFIED 141-87684 POSITIVE DISPLACEMENT, GEAR PUMP, DANFOSS PAH 80 S/N 36405504-022	0			EA	\$ 10,680.00	\$ -	REQ 382340	
A19	San Juan			FUEL NOZZLES, METAL, SEAL RING, MANUF- V8R TURBINE PARTNERS, P/N 4058138P01 TO BE USED ON SI & PS GE TM2500	0	300	EA	\$ 80.00	\$ 24,000.00			
A19	San Juan			SAFETY WIRE-TWISTING PLIER FOR TURBINE ASSEMBLY, RUSSELL PLIERS #651980 TO BE USED ON SI & PS GE TM2500	0	4	EA	\$ 75.00	\$ 300.00			
A19	San Juan			Adjustable Tension, Hand Operated, Safe-T-Cable Tool with 3 inch nose for .032 Safe-T-Cable, DMC, SCTR323 TO BE USED ON SI & PS GE TM2500	0	2	EA	\$ 700.00	\$ 1,400.00			
A19	San Juan			BOLT OF FUEL NOZZLE, MANUF- V8R TURBINE PARTNERS, P/N 8644P05D BOLT MACHINE DOUBLE HEXAGON HEAD 0.250-26 BY 0.500 LG TO BE USED ON SI & PS GE TM2500	0	450	EA	\$ 850.00	\$ 382,500.00			
A19	San Juan			POSITIVE DISPLACEMENT GEAR PUMP DANFOSS PAH 80 S/N 36405504-022 280MP@1450RPM COUPLING AQND BELL HOUSING	0	3	EA	\$ 10,680.00	\$ 32,040.00			
		87655		ELECTRIC MOTOR AC TO BE USED ON PALO SECO TURBO TOC, KAYDON MODEL KLC30H FR 2157, 460VAC, SHP, 1745 RPM	0	2	EA	\$ 2,000.00	\$ 4,000.00			
				SYNCHRONIZER, UNQUALIFIED, 141-87643, SYNCHRONIZER SPM - D2-10, P/N 8440-2167, WOODWARD TO BE USED ON GE TM	0	2	EA	\$ 10,000.00	\$ 20,000.00			
				THERMOCOUPLE CHROMEL-ALUMEL TYPE (KJUAL ELEMNT,SIGNAL RANGE-50 TO 2000F AMETEX, S/N FDT61887 GE P/N 44830P03	0	10	EA	\$ 5,476.00	\$ 54,760.00			
		131-22254	22254	VALVE, UNQUALIFIED, 131-22254, VALVE, HYDRAULIC, FOR HYDRAULIC CONTROL ASSEMBLY GENERAL ELECTRIC 2278668001.50001N IMPROVED TO 500012PNT. *					\$	-		
A19	San Juan			MOTOR WATER INJECTION TO BE USED ON FT-8GPS MOBILE PACS FRAME 364TDZ 60HP 3560RPM, 415/480V SPEC. NO.A36-7578-1587 SNA30404042061	0	2	EA	\$ 15,000.00	\$ 30,000.00			
				HYDRAULIC MOTOR, VARIABLE DISPLACEMENT, SERIES S1, 110 CO.REV MAXIMUM, PRESSURE COMPENSATED CONTROL SUNDSTRAND/DANFOSS, MODEL: S1V110-1-RF-INTAC2NNX1NNN041AF3 0032, SN 153807347, GE P/N 362A3800P100	3	0	5	EA	\$ 7,500.00	\$ 37,500.00		
A19	San Juan	141-87798	87798	OVERDRIVING CLUTCH, GEARBOX MOUNT, WITH VITON O-RING SHAFT SEAL MANUFACTURER: HILLIARD, P/N: 6601-01-019-C, (GE 273800)	3	0	5	EA	\$ 20,000.00	\$ 100,000.00		
A19	San Juan	141-87798	87798	Micronet digital control module SIMPLEX FTM, P/N 5441-685, SN 19157556, WOODWARD TO BE USED ON GE TM2500 NO SUBSTITUTE ACCEPTED, ONLY NEW NO REFURBISHED	1	0	3	EA	\$2,500	\$ 7,500.00		
									\$	-		
									\$	-		
									\$	-		
									\$	-		
									\$	-		

TOTAL	\$ 1,121,967.60
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Attachment 14

SITE	Turbine Number	GG SERIAL Number	PT SERIAL Number	Model	Nameplate Rating ISO	Available Capacity MW	Current Status	Forced Outage Date	Cause	Plan /Action Taken	Estimated Return to Service
Palo Seco	MP01	743315	80552	PT8-3600 CW	27 MW	27	Available			Although unit is available it is due for Hot Section inspection and Service	Send to Depot after Unit 3 returns. Probable return to service June 2027
	MP02	743313	80551	PT8-3600 CW	27 MW	0	Not Available	18-Feb-26	High scavenge oil pressure Hot Section in need of repairs	REQ 363941 - For repairs at Mitsubishi Power Aero Repair Depot. Contract 111804	Estimated return to service. 16 weeks after Unit is shipped out, Aprox Feb 2027
	MP03	743323	80560	PT8-3600 CW	27 MW	0	Not Available	16-Aug-26	High scavenge oil pressure	Send to Mitsubishi Depot for repair.	Estimated return to service. 16 weeks after funds and contract is approved.

Use Mayaguez 2A engine?

MobilePacs Service Schedule

Updated 9-Sep-26		1250050000											
SITE	Turbine Number	GG SERIAL Number	PT SERIAL Number	Running Hours	Last Borescope Inspection	Next Borescope Inspection	Annual Inspection	Hot Section Inspection Hours	Next Hot Section 12500hrs	Next Hot Section Date	Mayor Inspection Depot	Comments	
Palo Seco	MP01	743315	80552	12,549	Feb-26	Feb-27	Feb-27	-	12,500	2-Sep-26	20-Aug-39	Hot Section Inspection overdue	
	MP02	743313	80551	11,180	Feb-26	Feb-27	Feb-27	-	12,500	22-Feb-27	9-Feb-40	To be sent to Depot	
	MP03	743323	80560	11,841	Feb-26	Feb-27	Feb-27	-	12,500	1-Dec-26	18-Nov-39	To be sent to Depot	

Run Factor 0.33

MobilePacs Service Schedule

Updated [9-Sep-26](#)

SITE	Turbine Number	Total Starts	Cycles	Running Hours	Liquid Hours	Gas Hours
Palo Seco	MP01	1,024	880	13,886	12,549	1,336
	MP02	876	671	11,215	11,180	36
	MP03	983	773	12,711	11,841	870

Turbine Number	Project	GG S/N	PT S/N
MP01	1411	743315	80552
MP02	1410	743313	80551
MP03	1412	743323	80560

Attachment 15

Unit	Description	Out Date	In Date	Duration (Hrs)	Corrective Action
Palo Seco MP 2	Vibration system monitoring failure.	13-Nov-25	18-Nov-25	117.33	Unit control reprogramming.
Palo Seco MP 2	DC Lube oil Pump Generator failure.	3-Jan-26	5-Jan-26	47.43	Lube Oil Pump Motor replacement.
Palo Seco MP 2	Diesel fuel Pump Oil leak.	5-Jan-26	6-Jan-26	17.53	Pump Seal and packing replacement.
Palo Seco MP 2	AC lube oil motor failure.	16-Jan-26	17-Jan-26	21.55	AC pump motor replacement.
Palo Seco MP 1	DC Lube Oil Pump Generator failure.	23-Jan-26	24-Jan-26	23.92	Pump motor replacement.
Palo Seco MP 2	Lube Oil Presure Drain High Breeder.	18-Feb-26	28-Feb-26	239.5	In process of troubleshooting.
Palo Seco MP 3	Gen Lube Oil Pump Coupling failure.	21-Feb-26	28-Feb-26	175.07	Waiting for coupling delivery.
Palo Seco MP 3	Turbine oil leak.	3-Mar-26	4-Mar-26	31.5	Replaced seal.
Palo Seco MP 1	Gas leak and Gen LO failure.	22-Mar-26	28-Mar-26	145.35	Replaced Gen LO motor, a gas hose and seals.
Palo Seco MP 3	Combustor replacement needed.	6-Apr-26	24-Apr-26	439.92	Replacement completed.
Palo Seco MP 1	Turbine lubrication motor failed.	7-Apr-26	7-Apr-26	5.88	Replacement motor installed scavenged from MP 3 unit.
Palo Seco MP 3	Fuel leak.	18-Jul-26	18-Jul-26	2.83	Fuel leak corrected.
Palo Seco MP 3	Turbine revolutions dropped below safe paramete	19-Jul-26	19-Jul-26	0.3	Unit inspected and reset back to service.
Palo Seco MP 3	Water injection pump failed.	21-Jul-26	21-Jul-26	0.87	Systems inspected and ran without water injection.
Palo Seco MP 3	Tripped due to high pressure at sensor PDT629A.	16-Aug-26	31-Aug-26	364.7	Pending.
Palo Seco MP 1	GT-ANHDOT flameout.	17-Aug-26	31-Aug-26	359.4	Pending.