

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

<b>NEPR</b>  <b>Received:</b>  <b>Dec 12, 2023</b>  <b>6:04 PM</b>
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**IN RE:**

MANEJO DEL MANTENIMIENTO Y REPARACIONES DE LAS UNIDADES DE GENERACIÓN UTILIZADAS POR LA AUTORIDAD DE ENERGÍA ELÉCTRICA DE PUERTO RICO PARA SUPLIR SERVICIO ELÉCTRICO

**CASE NO.:** NEPR-MI-2021-0014

**SUBJECT:** Motion to Submit Amended Response to Resolution and Order Dated November 29, 2023

**MOTION TO SUBMIT AMENDED RESPONSE TO RESOLUTION AND ORDER  
DATED NOVEMBER 29, 2023**

**TO THE HONORABLE PUERTO RICO ENERGY BUREAU:**

**COMES NOW GENERA PR LLC** (“Genera”), as agent of the Puerto Rico Electric Power Authority (“PREPA”),<sup>1</sup> through its counsels of record, and respectfully submits and prays as follows:

1. On November 29, 2023, the Energy Bureau of the Puerto Rico Service Regulatory Board (“Energy Bureau”) issued a Resolution and Order titled *GENERA’S Proposed Consumables, Spare Parts, and Capital Spare Parts Listing* (“November 29<sup>th</sup> Order”). In the November 29<sup>th</sup> Order, the Energy Bureau determined that Genera’s responses submitted in the July 26<sup>th</sup> Motion were satisfactory, with an exception to Revision No. 18, which prompted the Energy Bureau to request Genera to “Provide the specific quantities that Genera considers low stock for each critical and major part”.<sup>2</sup>

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<sup>1</sup> Pursuant to the *Puerto Rico Thermal Generation Facilities Operation and Maintenance Agreement* (“LGA OMA”), dated January 24, 2023, executed by and among PREPA, the Puerto Rico Public-Private Partnerships Authority and Genera, Genera is the sole operator and administrator of the Legacy Generation Assets (defined in the LGA OMA), and the sole entity authorized to represent PREPA before the Energy Bureau with respect to any matter related to the performance of any of the O&M Services provided by Genera under the LGA OMA.

<sup>2</sup> See November 29<sup>th</sup> Order, p. 1.

2. As such, in the November 29<sup>th</sup> Order, the Energy Bureau ordered Genera to file the final version of the revised assessment of Consumables, Spare Parts, and Capital Spare Parts, incorporating the Energy Bureau's requirement as detailed in the table included in the November 29<sup>th</sup> Order<sup>3</sup>, within fifteen (15) days of the notification of the Order. This set the deadline as December 14, 2023.

3. Today, December 12, 2023, Genera filed a document titled *Motion to Submit Response in Compliance with Resolution and Order Dated November 29, 2023* ("December 12<sup>th</sup> Motion"). In this motion, Genera submitted a revised assessment of Consumables, Spare Parts, and Capital Spare Parts as Exhibit A. This exhibit, consisting of three pages, detailed the quantities that Genera considers low stock for each critical and major part, directly responding to the Energy Bureau's November 29<sup>th</sup> Order.

4. However, following the December 12<sup>th</sup> Motion submission, Genera identified additional information vital to the Energy Bureau's request, which was initially not included. Recognizing its importance in comprehensively addressing the Energy Bureau's concerns, Genera has incorporated this information into the assessment, extending it to include pages 4 through 6, thus enhancing their response to the November 29<sup>th</sup> Order.

5. In light of these additions, Genera hereby respectfully submits, as Exhibit 1 to this motion, an amended version of the revised assessment of Consumables, Spare Parts, and Capital Spare Parts Listing. This submission updates and expands upon the original Exhibit A provided in the December 12<sup>th</sup> Motion.

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<sup>3</sup> *Id.*, pp. 1-2

**WHEREFORE**, Genera respectfully requests that this Energy Bureau **take notice** of the above for all purposes and **approves** Genera's amendment to Exhibit A of the December 12<sup>th</sup> Motion in compliance with the November 29<sup>th</sup> Order.

**RESPECTFULLY SUBMITTED.**

In San Juan, Puerto Rico, this 12<sup>th</sup> day of December 2023.

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## CERTIFICATE OF SERVICE

We hereby certify that a true and accurate copy of this motion was filed with the Office of the Clerk of the Energy Bureau using its Electronic Filing System and that we will send an electronic copy of this motion to Lionel Santa, at [lionel.santa@prepa.pr.gov](mailto:lionel.santa@prepa.pr.gov) and Margarita Mercado Echegaray, at [margarita.mercado@us.dlapiper.com](mailto:margarita.mercado@us.dlapiper.com).

In San Juan, Puerto Rico, this 12<sup>th</sup> day of December 2023

*/s/ Alejandro López-Rodríguez*  
Alejandro López-Rodríguez

Exhibit 1

Amended Assessment of Consumables, Spare Parts, and Capital Spare Parts

Docket Number: NEPR-MI-2021-0014

In Re: Maintenance and Repair Management of the Generation Units of the Puerto Rico Electric Power Authority

Re: Genera's Proposed Consumable, Spare Parts, and Capital Spare Parts Listing

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**Order:**

**GPR – PREB ORDER – 11.29.2023 #18**

**Energy Bureau's Revision:**

San Juan 5 & 6 as Combined Cycle generation in San Juan are important due their load capacities and the voltage control provided, but, from 63 critical parts 17 are listed as zero (0) inventory in the column "Qty. in stock" equivalent to 15% of the critical parts out of stock. Of 127 major parts, 54 of them are out of stock equivalent to 42% and for minor parts, 6 parts are out of stock from 60, which equals 10%.

- a) Describe what acceptable benchmarks Genera will apply for Critical Spare Parts.
- b) Also describe how Genera will consider that the quantities for critical and major parts are low in stock and
- c) Procedures that will ensure adequate spare parts inventories are in place.

**Genera's Response:**

As part of Genera's plan to manage and optimize the Capital Spare Parts Inventory, the warehouse and inventory management process will be improved. These actions include:

- Label each spare part so there's no question it is.
- Ensure spare parts inventory categorization.
- Monitor how the inventory stock is depleted and replenished.
- Ensure inventory accuracy by conducting cycle counts (audits of specific product groupings) throughout the year.

- Make it easy for our employees to submit work orders and pull parts from warehouse shelves by storing spare parts within a centralized and properly labeled area.
- Make sure the computerized maintenance management system (CMMS) – Inventory module has an extensive and user-friendly spare parts inventory management system best practices to analyze spare parts, optimize reorder points, and more.

**Energy Bureau’s Requirement:**

Provide the specific quantities that Genera considers low stock for each critical and major part.

**Response #18:**

Since the Service Commencement date of July 1<sup>st</sup>, 2023, the Genera’s Warehouse and Generation teams have been conducting detailed audit of the spare parts inventory throughout the Power plants to determine their quantities, serviceability, obsolescence, etc.

The seventeen (17) critical spare parts initially listed as zero (0) have been analysed during the current audit exercise and the findings are as follows:

Nine (9) items have the quantity needed to meet the Stock Plan.

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimum Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per UOM)	Total Cost of Quantities Needed
124	5.8.6	Circulating Water/Aux Circulating Water	315-82367	COUPLING, SHAFT, 315-82367, GEAR REDUCER COUPLING ,PN 350282 BORE TO 1-1/2 INCHES FOR BAC COOLING	Spares	Critical	EA	3	06-01-2023	DD039	1	0	0	0	\$167	\$0
125	5.8.6	Circulating Water/Aux Circulating Water	315-82366	COUPLING, SHAFT, 315-82366, MOTOR COUPLING ,PN 350284 BORE TO 2-1/8 INCHES FOR BAC COOLING TOWER	Spares	Critical	EA	3	06-01-2023	DD039	1	0	0	0	\$167	\$0
126	5.8.6	Circulating Water/Aux Circulating Water	315-82371	SLEEVE, COUPLING, 315-82371, COUPLING SLEEVE SURE-FLEX 1 IE, PN 350295 FOR BAC COOLING TOWER	Spares	Critical	EA	6	06-01-2023	DD039	3	0	0	0	\$214	\$0
156	5.8.6	Condensate	677-86156	(MAGNETIC ROD), AAD-1CA&2A0040	Spares	Critical	EA	2	06-07-2023	BH067	1	0	0	0	\$3,914	\$0
168	5.8.6	Condensate	677-87360	TYPE HC2A-40/28-40M-SI/20; CODE 1610843; NO 736/98	Spares	Critical	EA	2	06-12-2023	GE007	1	0	0	0	\$980	\$0
327	5.8.6	Gas Turbine Generator	315-83111	FAN, EXHAUSTER, 315-83111, ROTRON REGENERATIVE BLOWERS- MODEL: DR 559K72 PART # 081099	Spares	Critical	EA	2	10-24-2023	GB014	1	0	0	0	\$4,004	\$0
643	5.8.6	Instrumentation/DCS	677-85447	MODULE, EMOD, ANALOG INPUT, 20MV, 50 MV, 100 MV, PART NUMBER SX00070604	Spares	Critical	EA	4	03-24-2023	CR027	1	0	0	0	\$2,551	\$0
650	5.8.6	Instrumentation/DCS	677-85512	MODULE, PMOD, VALVE POSITION, 82 OHMS, PART NUMBER 1C31197G01	Spares	Critical	EA	6	03-24-2023	CR027	1	0	0	0	\$457	\$0
813	5.8.6	Steam Turbine	315-02679	PUMP, UNQUALIFIED, 315-02679, PUMP, GEAR, DIPLOMATIC MODEL GP2-0070-R97F10N, TO BE USED ST BYPASS HYDRAULIC SYSTEM UNITS 5 & 6 SJSP.	Spares	Critical	EA	4	08-16-2023	AF029	2	0	0	0	\$715	\$0

Two (2) items have Purchase Order pending to be received.

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimum Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per UOM)	Total Cost of Quantities Needed
127	5 & 6	Crushing Water/Aux Crushing Water	315-83729	GEAR, BEVEL, 315-83720, FAN DRIVE, RIGHT ANGLE AMARILLO MODEL F110	Spares	Critical	EA	0	02-13-2023	PC87659	1	1	2	0	\$15,029	\$0
651	5 & 6	InstrumentationDCS	677-56796	MODULE, EMOD, RIO NODE, PART NUMBER 1C31209G01	Spares	Critical	EA	0	05-27-2019	PC83737	1	1	2	0	\$3,030	\$0

Four (4) items have Purchase Requisitions pending to be process.

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimum Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per UOM)	Total Cost of Quantities Needed
390	5 & 6	Gas Turbine	315-01770	SEAL, UNQUALIFIED, 315-01770, SEAL, BEARING, ITEM NO. 30, BUFFALO PUMP MODEL VCRC 7011. TO BE USED MECHANICAL FOR SISTEMA LUBRICACION CT UNITS	Spares	Critical	EA	0	12-08-2023	PR	1	1	2	0	\$30	\$0
391	5 & 6	Gas Turbine	315-01788	RING, SEAL, 315-01788, RING, SEALING, ITEM NO. 134, BUFFALO PUMP MODEL VCRC 7011. TO BE USED MECHANICAL FOR SISTEMA LUBRICACION CT UNITS S-	Spares	Critical	EA	0	12-08-2023	PR	1	1	2	0	\$60	\$0
394	5 & 6	Gas Turbine	315-01811	O-RING, UNQUALIFIED, 315-01811, O-RING, ITEM NO. 255, BUFFALO PUMP MODEL VCRC 7011. TO BE USED MECHANICAL FOR SISTEMA LUBRICACION CT UNITS	Spares	Critical	EA	0	12-08-2023	PR	1	1	2	0	\$25	\$0
642	5 & 6	InstrumentationDCS	677-85439	MODULE, EMOD, H P ANALOG INPUT, 4-20 MA HART, PART NUMBER 5X00106G01	Spares	Critical	EA	0	12-08-2023	PR	1	1	2	0	\$1,940	\$0

Two (2) items have 0 in the column "Minimum Needed" to meet the Stock Plan.

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimum Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per UOM)	Total Cost of Quantities Needed
663	5 & 6	InstrumentationDCS	677-87138	CONTROLLER, MODULE, KIT, EMERSON / OVATION OCR-400, REFERENCE NUMBER 5X00247G01	Spares	Critical	EA	0		Not Needed	0	0	0	0	\$39,200	\$0
664	5 & 6	InstrumentationDCS	677-87021	CABLE ASSEMBLY, IOIC RIO 10 FEET LONG, REFERENCE NUMBER 5X00238G18, TO BE USED WITH OVATION CONTROLLER OCR400.	Spares	Critical	EA	0		Not Needed	0	0	0	0	\$536	\$0

Note: Spare parts with zero (0) minimum quantity are for items that will be ordered on request basis (OOR) as guided by the Generation team.



Fifty-four (54) major spare parts listed as zero (0) have been analysed and this are the findings:

Seventeen (17) items have the quantity needed to meet the Stock Plan.

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimum Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per UOM)	Total Cost of Quantities Needed
197	5.8.6	Feedwater	319-00352	BEARING, UNQUALIFIED, 319-00352, BEARING, THRUST, CODE 314-01, WHITE METAL, HP BOILER FEED WATER PUMP.	Spares	Major	EA	2	05/27/2023	CS208	2	0	2	0	\$5,257	\$0
198	5.8.6	Feedwater	319-00360	BEARING, UNQUALIFIED, 319-00360, BEARING, THRUST, CODE 314-02, WHITE METAL, HP BOILER FEED WATER PUMP.	Spares	Major	EA	2	05/27/2023	CS208	2	0	2	0	\$5,257	\$0
229	5.8.6	Feedwater	319-00691	BUSHING, UNQUALIFIED, 319-00691, BUSHING, CENTERING BUSHING, CODE 546-01, MATERIAL: 42 CRMO4 UNIT945 HP BOILER FEED WATER PUMP.	Spares	Major	EA	6	04/18/2023	CS139	3	0	0	0	\$200	\$0
239	5.8.6	Feedwater	319-00790	PIN, UNQUALIFIED, 319-00790, PIN, TAPER PIN, CODE 565-04, MATERIAL ASTM A576 GR. 1045, HP BOILER FEE	Spares	Major	EA	6	04/18/2023	CS016	3	0	0	0	\$124	\$0
265	5.8.6	Feedwater	319-01087	KEY, UNQUALIFIED, 319-01087, KEY, CODE 940-02, MATERIAL X10CRNI 1809 HP BOILER FEED WATER PUMP, TERMOMECA NICA S.P.A., TMS	Spares	Major	EA	6	11/15/2023	CS016	3	0	0	0	\$701	\$0
312	5.8.6	Feedwater	127-87141	BFP LP Pump Motor Assembly, 135 HP, 460V, 3570RPM, 445STS	Spares	Major	EA	2	08/16/2023	HT000	1	0	0	0	\$9,420	\$0
353	5.8.6	Gas Turbine	677-87493	Proximity Probe	Spares	Major	EA	2	02/02/2016	CR223	1	0	0	0	\$626	\$0
336	5.8.6	HRSGBaier	677-86370	HP STEAM TO COOL REHAET BY-PASS, PISTON (HYDRAULIC), X-HP-Z1-0001; X-HP-PRD-0001	Spares	Major	EA	2	09/26/2023	CS082	1	0	0	0	\$1,353	\$0
337	5.8.6	HRSGBaier	677-89928	PRESS AND TEMP CONTROL FOR HP TO CR STEAM BY-PASS, TRANSMITTER, POSITION, X-HP-Z1-0001; X-HP-PRD-0001	Spares	Major	EA	4	04/27/2023	CR038	2	0	0	0	\$2,466	\$0
339	5.8.6	HRSGBaier	677-86388	HP TO CR BY-PASS TEMP AND PRESS CONTROL SERVO VALVE.	Spares	Major	EA	3	09/15/2023	CR293	1	0	0	0	\$4,470	\$0
623	5.8.6	Instrument Air/Service Air	677-88681	FOR INGERSOLL RAND T2 500 EMS DRYER, 8834314, PRE-FILTER	Spares	Major	EA	8	04/14/2023	BD008	4	0	0	0	\$583	\$0
792	5.8.6	Steam Turbine	127-87183	Turning Gear ST 5.5 kw, 480, 213T, Motor Assembly	Spares	Major	EA	3	08/23/2023	H1004	1	0	0	0	\$1,294	\$0
796	5.8.6	Steam Turbine	677-86172	STG CONTROL VALVE, MODEL: GM1025-4 R; SIN 4412; GE NO: 119C9638P0002, POSITION TRANSDUCER - LVDT	Spares	Major	EA	4	08/08/2023	BH089	3	0	0	0	\$2,142	\$0
800	5.8.6	Steam Turbine	677-87493	SPEED CONTROL (36/6TSE222A88) VRS 3090A35, PROBE, PROXIMITY	Spares	Major	EA	2	12/01/2023	CR223	1	0	0	0	\$626	\$0
803	5.8.6	Steam Turbine	677-88269	STG SERVO HYDRAULIC TANK, SOLENOID VALVE, MD1D-TAM/50V/AM	Spares	Major	EA	3	11/24/2023	BE032	2	0	0	0	\$7,644	\$0
807	5.8.6	Steam Turbine	315-83111	Sea Oil Vapor Exh. CT.3,460, 145TCZ, Motor Assembly	Spares	Major	EA	2	10/24/2023	GB014	1	0	0	0	\$4,004	\$0
829	5.8.6	Switchyard	127-87547	MPT Cooling Fan, 1.8kW 480, Motor Assembly	Spares	Major	EA	4	07/07/2023	HJ000	2	0	0	0	\$12,511	\$0

Eight (8) items have Purchase Order pending to be received.

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimum Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per UOM)	Total Cost of Quantities Needed
195	5.8.6	Feedwater	319-00336	BEARING, UNQUALIFIED, 319-00336, BEARING, FORCED OIL LUBRICATED BEARING, CODE 313-01, WHITE METAL, HP BOILER FEED WATER PUMP, TERMOMECA NICA	Spares	Major	EA	0	03/29/2023	PC97179	1	1	2	0	\$6,510	\$0
196	5.8.6	Feedwater	319-00344	BEARING, UNQUALIFIED, 319-00344, BEARING, FORCED OIL LUBRICATED BEARING, CODE 313-02, WHITE METAL, HP BOILER FEED WATER PUMP, TERMOMECA NICA	Spares	Major	EA	0	03/29/2023	PC97179	1	1	2	0	\$6,630	\$0
244	5.8.6	Feedwater	319-00849	COUPLING, UNQUALIFIED, 319-00849, COUPLING, CODE 840-01, HP BOILER FEED WATER PUMP, TERMOMECA NICA S.P.A., TMS CONSTRUCTION: 11177,	Spares	Major	EA	0	06/24/2023	PC98727	2	2	4	0	\$312	\$0
542	5.8.6	HRSGBaier	677-86297	HP TO CR BY-PASS TEMP AND PRESS CONTROL VALVE.	Spares	Major	EA	0	04/15/2023	PC98834	2	2	4	0	\$315	\$0
676	5.8.6	Steam Turbine	127-87109	AC Lube Oil Pump Motor Assembly	Spares	Major	EA	0	02/28/2022	PC92159	1	1	2	0	\$3,014	\$0
711	5.8.6	Steam Turbine	319-01607	STEM VALVE, 319-01607, STEM VALVE, CONTROL VALVE, REF 4, NUM DE FOLIO 17.H141, TO USED CONTROL VALVE S. J.S.P. TURBINES 5 & 6	Spares	Major	EA	0	08/15/2023	PC98758	6	6	5	1	\$2,756	\$2,756
795	5.8.6	Steam Turbine	677-86239	STG INTERCEPTOR VALVES, GE PN 119C9638P0003 REV J; SN 83620, MS/PN 01532003000, POSITION TRANSDUCER - LVDT	Spares	Major	EA	0	09/00/2021	PC90742	2	2	2	0	\$1,146	\$0
808	5.8.6	Steam Turbine	127-87159	Lube Oil Vapor Exh. CT.7,3,460, 213T, Motor Assembly	Spares	Major	EA	0	07/09/2022	PC94555	1	1	2	0	\$1,250	\$0

Eleven (11) items have Purchase Requisitions pending to be process.

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimum Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per-UOM)	Total Cost of Quantities Needed
38	5 & 6	Gas Turbine	315-02760	GASKET, UNQUALIFIED, 315-02760, GASKET, COMPLETE SET, 106PCS, P/N 13233002848, ALFA LAVAL HEAT EXCHANGER MODEL A 15-BFG, MAFG SERIAL NUM 30108	Spares	Major	ST	0	12/22/2023	PR283215	1	1	0	1	\$7,213	\$7,213
90	5 & 6	Circulating Water/Aux Circulating Water	319-01898	COUPLING, UNQUALIFIED, 319-01898, COUPLING KEY PUMP SIDE, ITEM NO. 2117, PUMP TYPE 45 HIFLO, INGERSOLL-DRESSER PUMP (IDP), TO BE USED	Spares	Major	EA	0	12/22/2023	PR283215	2	2	4	0	\$895	\$0
243	5 & 6	Feedwater	319-00831	CIRCU PUMP, UNQUALIFIED, 319-00831, PUMP, OIL PUMP, CODE 63201, HP'S OILER	Spares	Major	EA	0	09/16/2023	PR278711	2	2	4	0	\$6,000	\$0
264	5 & 6	Feedwater	319-01079	FEED WATER PUMP, TERMOMECHANICA KEY, UNQUALIFIED, 319-01079, KEY, CODE 940-01, MATERIAL X10CRNI1809 HP	Spares	Major	EA	0	12/22/2023	PR283215	3	3	6	0	\$422	\$0
355	5 & 6	Gas Turbine	677-88887	BOILER FEED WATER PUMP, TERMOMECHANICA S.P.A., TMS	Spares	Major	EA	0	10/23/2023	PR281745	2	2	4	0	\$128	\$0
356	5 & 6	Gas Turbine	677-88895	Thermocouple K-Type, Metal Bearing Temperature 3&4	Spares	Major	EA	0	10/23/2023	PR281745	3	3	4	0	\$126	\$0
382	5 & 6	Gas Turbine	127-89410	Thermocouple K-Type, Metal Bearing Temperature 5	Spares	Major	EA	0	12/22/2023	PR283215	1	1	2	0	\$15,000	\$0
529	5 & 6	HRSGBoller	677-86065	DC Seal Oil Pump CT, 1125 VDC, HE0056HC, Motor Assembly	Spares	Major	EA	0	10/23/2023	PR281745	1	1	2	0	\$5,055	\$0
530	5 & 6	HRSGBoller	677-86073	CR TO COND DRAIN TNK, ON-OFF VALVE, XCRA-OV-0013, XCRA-OV-0015	Spares	Major	EA	0	10/23/2023	PR281745	1	1	2	0	\$3,792	\$0
531	5 & 6	HRSGBoller	677-86346	HRS&G DRAIN VALVES SOLENOID VALVE	Spares	Major	EA	0	10/23/2023	PR281745	10	10	20	0	\$157	\$0
716	5 & 6	Steam Turbine	319-01665	PIN, UNQUALIFIED, 319-01665, PIN, CONTROL VALVE, REF 13, NUM DE FOLIO 17:9141, TO USED CONTROL VALVE UNITS 5-6 SAN JUAN STEAM PLAN TURBINES 5	Spares	Major	EA	0	12/22/2023	PR283216	6	6	12	0	\$3,080	\$0

Two (2) items are duplicates in the table.

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimum Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per-UOM)	Total Cost of Quantities Needed
311	5 & 6	Feedwater	127-87141	BFP LP Pump Assembly	Spares	Major	EA	2	DUPLICATE SAMEAS 312		1	0	0	0	\$9,420	\$0
801	5 & 6	Steam Turbine	677-88269	TANQUE DE ACBITE SERVODRAULICO, TYPE: MD1D-TA1M150V1AM1, SOLENOIDE	Spares	Major	EA	3	DUPLICATE SAMEAS 803		2	0	0	0	\$7,644	\$0

Twelve (12) items have 0 in the column “Minimun Needed” to meet the Stock Plan.

GeneraPR | Spare Parts | San Juan CC

Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimun Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per UOM)	Total Cost of Quantities Needed
93	5 & 6	Circulating Water/Aux Circulating Water	319-02829	BELL, UNQUALIFIED, 319-02829, BELL, SUCTION, ITEM NO. 1042, PUMP TYPE 45 HIFLO, INGERSOLL-DRESSER P	Spares	Major	EA	0		Not Needed	0	0	0	0	\$39,760	\$0
110	5 & 6	Circulating Water/Aux Circulating Water	319-02994	IMPELLER, UNQUALIFIED, 319-02994, IMPELLER, LOWER IMPELLER WEARING RING, ITEM NO. 0400, PUMP TYPE 45 HIFLO, INGERSOLL-DRESSER PUMP (DP)	Spares	Major	EA	0		Not Needed	0	0	0	0	\$6,000	\$0
113	5 & 6	Circulating Water/Aux Circulating Water	319-03025	CASING, UNQUALIFIED, 319-03025, CASING, UPPER CASING WEARING RING, ITEM NO. 0504, PUMP TYPE 45 HIFLO, INGERSOLL-DRESSER PUMP (DP), FOR USE	Spares	Major	EA	0		Not Needed	0	0	0	0	\$4,400	\$0
182	5 & 6	Feedwater	319-00203	CASING, UNQUALIFIED, 319-00203, CASING, SUCTION, CODE 106-01, ASTM A216 WCB, HP BOILER FEED WATER PUMP, TERNOMECANICA S.P.A., TM'S CONSTRUCT	Spares	Major	EA	0		Not Needed	0	0	0	0	\$50,000	\$0
183	5 & 6	Feedwater	319-00211	CASING, UNQUALIFIED, 319-00211, CASING, DELIVERY, CODE 151-01 ASTM A216 WCB, HP BOILER FEED WATER PUMP	Spares	Major	EA	0		Not Needed	0	0	0	0	\$45,571	\$0
342	5 & 6	Gas Turbine	577-90701	Positioner	Spares	Major	EA	0		Not Needed	0	0	0	0	\$1,062	\$0
344	5 & 6	Gas Turbine	677-90032	Instrument Air Solenoid Valve	Spares	Major	EA	0		Not Needed	0	0	0	0	\$350	\$0
544	5 & 6	HRSGBoller	677-87154	HP STEAM TO COLD REHAET BY-PASS, GASKET KIT, X-HP-ZT-0001, X-HP-PRD-0001	Spares	Major	EA	0		Not Needed	0	0	0	0	\$88	\$0
551	5 & 6	HRSGBoller	677-79211	1N88025092 KEY	Spares	Major	EA	1		Not Needed	0	0	0	0	\$83	\$0
688	5 & 6	Steam Turbine	677-82435	MODULE I/O	Spares	Major	EA	0		Not Needed	0	0	0	0	\$359	\$0
700	5 & 6	Steam Turbine	677-86916	RELAYS, STG 5-6,, 16 CHANNELS RELAYS MODULE	Spares	Major	EA	0		Not Needed	0	0	0	0	\$2,486	\$0
701	5 & 6	Steam Turbine	677-86908	STG 5-6,, MODULE I/O	Spares	Major	EA	0		Not Needed	0	0	0	0	\$2,159	\$0

Four (4) items have no PREPA-Genera Part Number (NOT A WAREHOUSE ITEM).

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Item	Unit	Major Equipment	PREPA - Genera Part Number	Part Description / Specifications	Part Classification	Importance	UOM	Quantity on Hand (QOH)	Date Received	Stock Location(s)	Minimun Needed	Quantity Needed to Meet Stock Plan	Quantity on Order	Quantity Needed to be Ordered	Unit Cost (per UOM)	Total Cost of Quantities Needed
440	5 & 6	Gas Turbine	N/A	GT Compressor Spindle Balts	Spares	Major	EA	0		NA	1	1	0	1	\$0	\$0
450	5 & 6	Gas Turbine	N/A	GT Exhaust Cylinder & Manifold Upgrade	Spares	Major	EA	0		NA	1	1	0	1	\$0	\$0
518	5 & 6	Gas Turbine	N/A	GT Torque Tube Upgrade	Spares	Major	EA	0		NA	1	1	0	1	\$0	\$0
519	5 & 6	Gas Turbine	N/A	GT Row 4 Turbine Disc	Spares	Major	EA	0		NA	1	1	0	1	\$0	\$0