



**Puerto Rico  
Electric Power  
Authority**

# **Puerto Rico Electric Power Authority**

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## **13-Week Cash Flow Update**

October 17, 2018

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## Table of Contents

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- General Overview
- August 24<sup>th</sup> Approved Budget updated for actuals through 10/12/18 “Current Forecast”
- August 24<sup>th</sup> Approved Budget
- Current Forecast vs August 24<sup>th</sup> Approved Budget Cash Bridge

## General Overview

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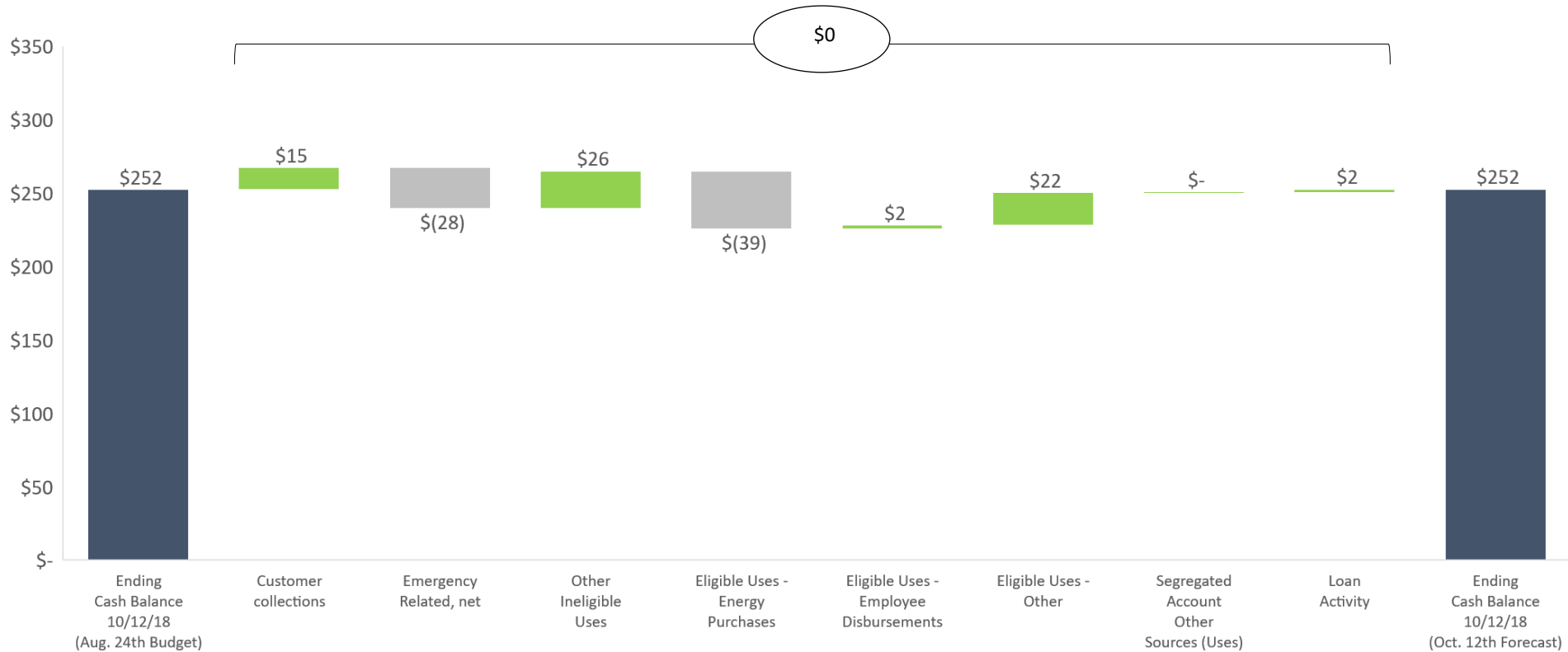
- The Current Forecast included in this report has been updated for actuals through 10/12/18; the forecast period is based on the August 24<sup>th</sup> Approved Budget
- The Current Forecast vs August 24<sup>th</sup> Approved Budget Cash Bridge captures the cumulative variance from 8/17/18 through 10/12/18
- Any timing related variances from actual weeks have not been re-timed into future periods for purposes of this analysis





# Current Forecast vs August 24<sup>th</sup> Approved Budget

## Cash Bridge as of October 12, 2018



- Ending cash balances includes Operating Accounts, Operating Reserve Fund and the Segregated Account
- “Customer collections” variance due to slightly positive cash collection activities over the eight week period
- “Emergency Related, net” variance due to timing of payments to restoration contractors and related FEMA reimbursements
- “Other Ineligible Uses” variance primarily due to timing of Title III related payments
- “Eligible Uses – Energy Purchases” variance primarily due to timing of Fenosa and EcoElectrica payments partially offset by timing of payments to AES and diesel purchases
- “Eligible Uses – Other” variance primarily due to lower maintenance spend and lower other accounts payable expenditures



**PUERTO RICO ELECTRIC POWER AUTHORITY**

**Cash in bank and time deposit accounts**

Name	Account Number	Description	Notes	Date
				10/12/18
Banco Popular	██████████	Revenue Deposit Account	ZBA to Popular ██████████	-
Banco Popular	██████████	Revenue Deposit Account (Credit Cards)	ZBA to Popular ██████████	-
Banco Popular	██████████	Concentration Account	Active Concentration Account	51,682,520.50
Banco Popular	██████████	Disbursement Account	Per Diem & Small Local Vendors	12,186.13
Banco Popular	██████████	Revenue Deposit Account (Corp. Clients)	ZBA to Popular ██████████	-
Banco Popular	██████████	Revenue Deposit Account (Gov't Clients)	ZBA to Popular ██████████	-
Banco Popular	██████████	Concentration Account	Old Concentration Account	162,119.41
Banco Popular	██████████	Revenue Deposit Account	ZBA to Popular ██████████	-
Banco Popular	██████████	Project Guavate (related to mitigation work performed in Guavate; construction of underground lines)	Old FEMA Reimbursement Account	2,490,266.00
Oriental	██████████	Concentration Account	Active Concentration Account	90,909,105.35
Oriental	██████████	Deposit/Collateral Account	No balance	-
Oriental	██████████	Revenue Deposit Account	ZBA to Oriental ██████████	-
Oriental	██████████	Revenue Deposit Account - Lockbox	ZBA to Oriental ██████████	-
Banco Santander	██████████	Revenue Deposit Account	Revenue Deposit Account and used for certain payments	1,893,425.23
Scotiabank	██████████	Revenue Deposit Account	Manual Transfer to Popular or Citi	1,088,270.48
Firstbank	██████████	Revenue Deposit Account	Manual Transfer to Popular or Citi	187,278.37
GDB	██████████	PREPA Deposit Account at GDB	No longer used	-
GDB	██████████	PREPA Deposit Account at GDB	No longer used	-
Citibank	██████████	Disbursement Fuel Oil & Power Purchase	No longer used	-
Citibank	██████████	Concentration Account	Active Concentration Account	103,561,171.82
Citibank	██████████	Revenue Deposit Account	ZBA to Citi ██████████	-
Citibank	██████████	CWL Segregated Account	CWL Segregated Account	-
<b>Total General Fund and CWL Segregated Accounts</b>				<b>\$ 251,986,343.29</b>

Banco Popular	██████████	Payroll Account	Disbursement account to pay PREPA payroll	250,980.62
<b>Total Working Funds</b>				<b>\$ 250,980.62</b>

Citibank	██████████	Disbursement	Debt Service Related	13,114.62
<b>Total Revenue Fund Account</b>				<b>\$ 13,114.62</b>

Banco Popular	██████████	FEMA ██████ EM PR Irma	FEMA Irma	2,085,414.99
Banco Popular	██████████	FEMA ██████ DR PR Irma	FEMA Irma	95,507.45
Banco Popular	██████████	FEMA ██████ DR PR Maria	FEMA Maria	3,417,301.24
<b>Total Emergency Fund Accounts</b>				<b>\$ 5,598,223.68</b>

**TOTAL CASH AND CASH EQUIVALENT**

**\$ 257,848,662.21**

**General Fund Accounts By Depository Institution**

Banco Popular de Puerto Rico	\$	60,196,296.34
Citibank N.A.		103,574,286.44
Oriental Bank		90,909,105.35
First Bank		187,278.37
Banco Santander		1,893,425.23
Scotia Bank		1,088,270.48
Government Development Bank for Puerto Rico (GDB)		-
		<b>\$ 257,848,662.21</b>

Name	Account Number	Description	Notes	10/12/18
Oriental	██████████	Related to Via-Verde Project (connection of gas pipe, which is no longer being worked on)	Construction Fund Accounts	-
Citibank	██████████	Remaining funds related 2013 Series Bond Issuance	Construction Fund Accounts	1,294,712.92
Banco Popular	██████████	Funds used for project to rehabilitate San Juan generating unit	Construction Fund Accounts	2,118,875.97
GDB	██████████	PREPA Deposit Account at GDB	Construction Fund Accounts	-
Citibank	██████████	Special federal assignments to fund sponsored projects by the Environmental Quality Board ("JCA" in Spanish)	Construction Fund Accounts	5,983,826.27
Banco Popular	██████████	Legacy accounts (consider for closure)	Construction Fund Accounts	0.01
Banco Popular	██████████	2016 A Bond - Used for specific projects identified at the time of bond issuance process	Construction Fund Accounts	254,232.00
Citibank	██████████	2016 D Bond - Used for specific projects identified at the time of bond issuance process	Construction Fund Accounts	215,908.75
Citibank	██████████	PREPA Insurance	Insurance proceeds account related specifically to Hurricane Maria substation repair	50,398,431.89
<b>Total Construction Fund Accounts</b>				<b>\$ 60,265,987.81</b>

Citibank	██████████	Funds received from federal contributions or bond issuances used to finance the construction of infrastructure to provide electricity to rural areas in Puerto Rico	Investment Held By REA	1,126,812.53
<b>Total Investment Held By REA</b>				<b>\$ 1,126,812.53</b>

Citibank	██████████	Funds used to cover the cost of unusual or extraordinary maintenance or repairs, including major items of equipment as stipulated in the Trust Agreement	Reserve Maintenance Fund	16,424,644.95
<b>Total Reserve Maintenance Fund</b>				<b>\$ 16,424,644.95</b>

Banco Popular	██████████	Land Acquisition Project	Other Restricted Fund	1,946,285.54
Citibank	██████████	PREPA Trust Investment Clearing	PREPA Trust Investment Clearing	754.46
<b>Total Other Restricted Fund</b>				<b>\$ 1,947,040.00</b>

Citibank	██████████	One-time transaction	Invested funds regarding EcoElectrica transaction	3,240,309.62
<b>Total PREPA Client Fund</b>				<b>\$ 3,240,309.62</b>

**TOTAL CONSTRUCTION FUND AND OTHER**

**\$ 83,004,794.91**





**Puerto Rico  
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# **Puerto Rico Electric Power Authority**

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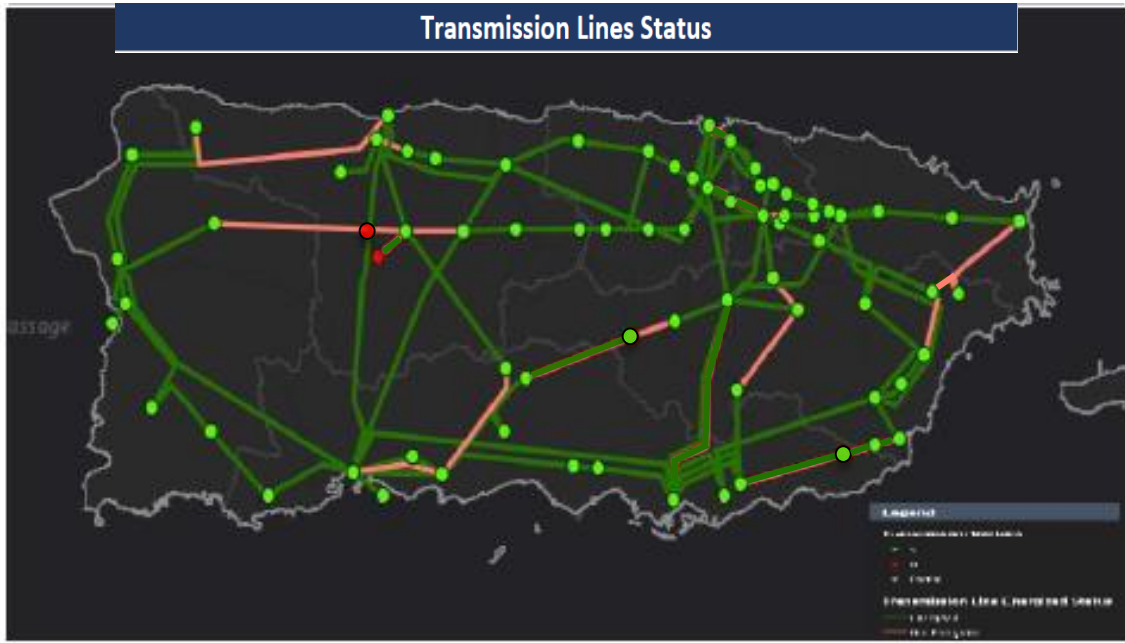
**Grid Status Update**

October 17, 2018

# Transmission Restoration Progress Report – As of October 17, 2018

- Overall progress on transmission line restoration is 87%, calculated as completed line segments divided by total line segments. 230 kV line segments remaining:
  - Mora to Cambalache
- Progress on structure and component repair is 78%

87%	OVERALL PROGRESS (As per completed Tasks)
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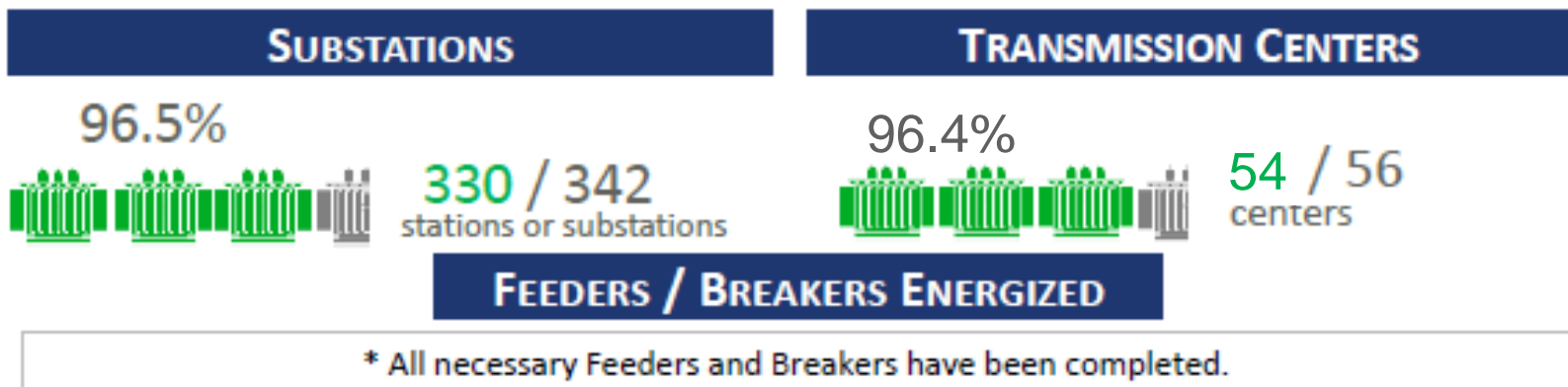
TOTALS BY KV		
(kV)	LINE SEGMENT	COMPLETED
230	<b>17</b>	<b>16</b>
115	<b>86</b>	<b>74</b>
<b>Totals</b>	<b>103</b>	<b>90</b>

TOTALS BY RESOURCE		
	LINE SEGMENT	COMPLETED
PREPA	<b>65</b>	<b>60</b>
WHITEFISH	<b>5</b>	<b>5</b>
COBRA	<b>18</b>	<b>12</b>
NYPA	<b>3</b>	<b>3</b>
Fluor/PIKE	<b>6</b>	<b>6</b>
Fluor/ARC	<b>1</b>	<b>1</b>
Fluor/MasTec	<b>0</b>	<b>0</b>
Fluor/SEC	<b>1</b>	<b>1</b>
USACE/PowerSecure	<b>2</b>	<b>2</b>
Pending-RFP	<b>2</b>	<b>0</b>
<b>Totals</b>	<b>103</b>	<b>90</b>

(kV)	STRUCTURES (Towers/Poles)		DAMAGES (Conductors/Insulators)		Overall Repairs/Restoration %
	DOWN	REPAIRED	DEFICIENCY	REPAIRED	
230	107	106	404	385	96%
115	639	440	831	618	72%
<b>Totals</b>	<b>746</b>	<b>546</b>	<b>1235</b>	<b>1003</b>	<b>78%</b>

# Distribution Restoration Progress Report – As of October 17, 2018

- Current load is 91% of comparable 2016 levels
- ~96% of the island's 342 substations and 96% of the 56 transmission centers are energized
- Current estimate of distribution customers who have been energized is approximately 99+%
  - This estimate assumes that weatherheads (which are owned by and are the responsibility of the customer) on residences are fully repaired and that the customer is still using the residence—which is not the case for all properties
- Approximately 97% of the linkages between substation Communication Remote Units (CRUs) and the central customer billing system have been restored



PREPA

Emergency Spend and Reimbursement Flash Report as of 10/12/18

\$ In millions

Printed: 10/17/2018 16:28

Emergency Spend To Date			
Description	Paid	Unpaid (a)	Total
Whitefish	\$ 36.9	\$ 105.5	\$ 142.4 (b)
Cobra	837.2	107.8	945.0 (c)
XGL	26.3	-	26.3
PREPA Overtime	122.1	-	122.1 (d)
Local Contractors (Labor)	17.9	5.6	23.6
Potentially Insured Assets	11.6	0.1	11.7 (e)
POs for Emergency Materials	-	54.4	54.4 (f)
Enviroics	0.4	1.4	1.8
Other Outstanding Payables	TBD	TBD	TBD
Purchase Equipment	7.6	2.2	9.8
Mutual Aid Parties	-	325.2	325.2 (g)
<b>Total</b>	<b>\$ 1,059.9</b>	<b>\$ 602.3</b>	<b>\$ 1,662.3</b>

Notes:

- (a) Estimated and subject to change.
- (b) Based on project worksheet submitted to the GAR on 6/29/18.
- (c) Based on invoice values provided by Cobra as of 9/6/18.
- (d) Includes amounts from payroll for overtime for the period 9/10/17 through 8/11/18.
- (e) Represents invoice amounts associated with potentially insured assets through 10/12/18.
- (f) Represents value of purchase orders issued for emergency materials issued between 9/19/17 and 12/18/17.
- (g) Mutual Aid party invoices received through 10/12/18. PREPA anticipates receipt of additional invoices.

Submitted Project Worksheets Summary

Description	Amount	Obligated by FEMA	Funds Received by PREPA	Funds Transferred to PREPA Operating Account (a)	Funds Remaining in PREPA Emergency Account
PREPA Force Account - Irma	\$ 9.6	\$ 9.6	\$ 7.2	\$ 5.2	\$ 2.0
PREPA Force Account - Irma (Customer Service)	2.7	-	-	-	-
Peaking Units - Irma	7.1	7.1	-	-	-
Local Contractors - Irma	0.2	0.2	0.1	-	0.1
PREPA Force Account - Maria	45.0	45.0	45.0	42.8	2.2
Cobra Original Contract	200.0	200.0	200.0	200.0	-
Cobra Amendments - #4, #5	745.4	745.4	547.4	547.3	0.1 (b)
Cobra Remaining Emergency Work	250.0	250.0	-	-	- (c)
Insured Assets	25.0	-	-	-	- (d)
Purchase Equipment	10.3	10.3	7.6	7.6	-
XGL	7.9	7.9	-	-	- (e)
Mutual Aid Parties	425.0	404.4	-	-	- (f)
Local Contractors - Maria	4.2	0.3	-	-	- (g)
Enviroics	0.4	0.4	0.4	0.4	0.2
Peaking Units - Maria	142.0	130.9	130.9	130.9	- (h)
Cidra Excavation	0.1	0.1	0.1	-	0.1
PREPA NET	0.0	-	-	-	-
RFP - Grid Hardening	500.0	-	-	-	-
Transient Recorders	0.6	-	-	-	-
Vieques and Culebra T&D	172.4	-	-	-	-
Del Valle Contract (Guajataca Dam Project)	10.4	10.4	0.8	-	0.8
Generators	58.5	58.5	-	-	-
Whitefish	142.4	-	-	-	-
<b>Total</b>	<b>\$ 2,759.3</b>	<b>\$ 1,880.6</b>	<b>\$ 939.4</b>	<b>\$ 934.1</b>	<b>\$ 5.6</b>

Notes:

- (a) Transfers to PREPA Operating Account cumulative through 10/12/18.
- (b) FEMA has obligated \$745.4M and funded \$547.4M to PREPA through 10/12/2018. PW is officially in Emmie for \$745.4M.
- (c) FEMA repurposed \$650M of the underlying \$900M contract into restoration.
- (d) Amount represents insurance deductible. PW has now been separated into 7 PWs.
- (e) Amount paid to XGL less invoices referencing Whitefish. FEMA reduced amount from \$11.7M to \$7.9M in the PW.
- (f) Total of 31 PWs for an amount of \$423.2M submitted to FEMA for review. One PW included represents MOU Insurance for an amount of \$1.8M.
- (g) Amount based on initial version of local contractor PWs submitted to FEMA on 3/15/18.
- (h) PW has been versioned to include Peaking Unit use from March through May 2018 for an additional amount of \$11.1M.

In Process Project Worksheets Summary

Description	Count	Amount	Comments
Local Contractors	42	\$ 19.2	(a)
PREPA Distribution	26	TBD	
PREPA Transmission	1	TBD	(b)
Direct Administrative Costs	1	TBD	
Microgrid Management	1	TBD	
Circuit Breakers	1	TBD	
PREPA Force Account - Maria (Customer Service)	1	TBD	
RFP - Foreman	1	TBD	
<b>Total</b>	<b>74</b>	<b>\$ 19.2</b>	

Notes:

- (a) Amount represents local contractors which have been identified as of 10/12/18.
- (b) Approach for PREPA Transmission changed from one PW per line to one PW for all of Transmission.

**PREPA  
Fossil Generation Status Report  
17-Oct-18**

**Average Daily Peak Demand Over  
Prior 7 Days (MW)**

**2,338**

<u>Plant Name</u>	<u>Unit #</u>	<u>Summer Rating (MW)</u>	<u>Fuel</u>
<b><u>Available Units</u></b>			
AES	1	227	Coal
EcoElectrica		507	NG
Aguirre	1	450	FO6
Aguirre	2	450	FO6
Costa Sur	4	85	FO6
Costa Sur	5	410	NG/FO6
Costa Sur	6	410	NG/FO6
Palo Seco	1	85	FO6
Palo Seco	3	216	FO6
San Juan	5	220	FO2
San Juan	6	220	FO2
San Juan	8	100	FO6
San Juan	9	100	FO6
Mayaguez	GT1A	28	FO2
Mayaguez	GT3A	28	FO2
Mayaguez	GT4A	28	FO2
Mayaguez	GT4B	28	FO2

**Total Available Units**

**3,590**

**Suspended Operations due to Economics**

Aguirre	CC1	296	FO2
Aguirre	CC2	296	FO2
Cambalache	3	83	FO2

**Total Suspended Units**

**675**

**Units Out of Service**

AES	2	227	Coal	Scheduled Outage until mid-October
Costa Sur	3	85	FO6	
Palo Seco	2	85	FO6	
Palo Seco	4	216	FO6	Scheduled Outage until late December
San Juan	7	100	FO6	Scheduled Outage until mid-October
San Juan	10	100	FO6	
Cambalache	1	83	FO2	
Cambalache	2	83	FO2	Scheduled Outage until mid-October
Mayaguez	GT1B	28	FO2	
Mayaguez	GT2A	28	FO2	
Mayaguez	GT2B	28	FO2	
Mayaguez	GT3B	28	FO2	

**Total Units Out of Service**

**1,088**