

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

NEPR

Received:

Mar 12, 2020

2:27 PM

IN RE:

**REVIEW OF THE PUERTO RICO
ELECTRIC POWER AUTHORITY
INTEGRATED RESOURCE PLAN**

CASE NO.:

CEPR-AP-2018-0001

SUBJECT:

**Production of Documents in Response to
Information Requests Made During IRP
Evidentiary Hearings**

**PRODUCTION OF DOCUMENTS IN RESPONSE TO INFORMATION
REQUESTS MADE DURING IRP EVIDENTIARY HEARINGS**

TO THE PUERTO RICO ENERGY BUREAU:

COMES NOW the Puerto Rico Electric Power Authority through the undersigned legal representation and respectfully sets forth and pray:

1. During February 3-7, 2020, the Puerto Rico Power Authority (PREPA) appeared before the Energy Bureau of the Puerto Rico Service Regulatory Board (the “Energy Bureau”) for the Evidentiary Hearings on the draft Integrated Resource Plan (IRP).

2. During such Evidentiary Hearings, the Energy Bureau, its experts and the intervenors, had the opportunity to cross-examine PREPA witnesses in regards to the draft IRP. At times during the hearings, intervenors or the Energy Bureau’s consultant would posts questions to PREPA’s witnesses that needed additional detail, confirmation or information from PREPA officers that had not been summoned to appear at the hearings. The Energy Bureau examined each question or request for production and made bench rulings allowing or disallowing the further explanation, clarification or request for production of documents.

3. The following questions or request for production of documents where pending and PREPA, in compliance with the Energy Bureau's bench orders, herein submits the following responses or document production:

- 1) Energy Bureau: Analysis of Spreadsheet on transmission substation locations of solar as used for the nodal analysis (Map for the sites- spreadsheet data).

The following response was provided by Nelson Bacalao, PhD, Senior Manager Consulting, Siemens PTI certifies that, to the best of his information and belief, all answers provided by him herein are true and no false or misleading information has been provided.

PREPA submits: The spreadsheet maps new resources sites to buses in the system and also provides information on the maximum capacity at each site (*see* MAX SIZE). The spreadsheet also maps to specific buses in the system, which can be located in the other maps provided by PREPA to the Energy Bureau. *See* Exhibit A¹.

- 2) Energy Bureau: Any legal analysis around microgrids using PREPA infrastructure, as part of the microgrid.

The following response was provided by Atty. Astrid Rodríguez, Director Legal Division, PREPA. Atty. Astrid Rodríguez certifies that, to the best of her information and belief, all answers provided by her herein are true and no false or misleading information has been provided.

PREPA submits: PREPA's legal division has not been requested to perform an analysis on microgrids using PREPA infrastructure.

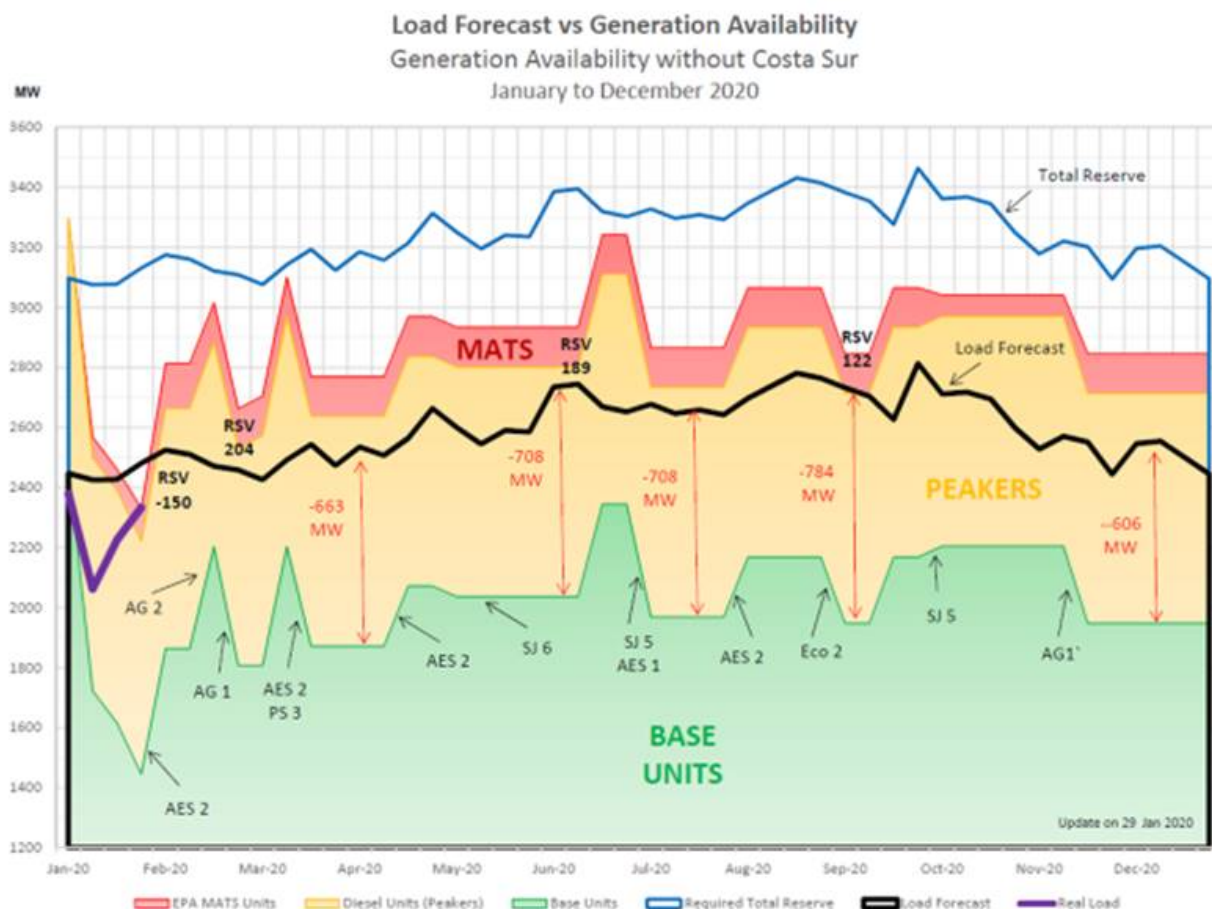
- 3) Energy Bureau: Detailed list of resources by unit behind the presentation of Panel A (Status of resources before and after the earthquakes - slide 20).

The following response was provided by Eng. Daniel Hernández, Director of the Generation Directorate, PREPA. Eng. Daniel Hernández certifies that, to the best of his information and belief, all answers provided by him herein are true and no false or misleading information has been provided.

¹ *Confidential_PREPA: S4S2_V5.0 Metrics_CR7_R7 Storage Adj_Final Generation Bus Mapping 20190521.xlsx* The requested spreadsheet is submitted under seal. In compliance with section 1.15 of Regulation 8543, *Regulation on Adjudicative, Notice of Noncompliance, Rate Review and Investigation* and Resolution *In Re: Policy Management of Confidential Information in Procedures Before de Commission, CEPR-MI-2016-0009*, PREPA will be present the corresponding memorandum of law explaining why the document has been filed under seal and should remain under seal.

PREPA submits: PREPA *Generation Directorate Generation Fleet Status*, Rev. 02/24/2020. table. See Exhibit B².

- 4) Energy Bureau: Short-term load forecast information used in discussion, anticipated load and what reserves may be required come May or June of this year. The following response was provided by Eng. Daniel Hernández, Director of the Generation Directorate, PREPA. Eng. Daniel Hernández certifies that, to the best of his information and belief, all answers provided by him herein are true and no false or misleading information has been provided. PREPA submits: See graph below, *Load Forecast vs. Generation Availability*. *Generation Availability without Costa Sur- January to December 2020*.



²PREPA's *Generation Directorate Generation Fleet Status*, Rev. 02/24/2020.pdf portions of the comments column have been redacted.

- 5) Energy Bureau: Documentation regarding compliance with Environmental Protection Agency (EPA) about PREPA compliance with MATS and no action assurance of EPA.

The following response was provided by Luisette Ríos Castañer, Head Environmental Protection and Quality Assurance Division, PREPA. Luisette Ríos Castañer certifies that, to the best of her information and belief, all answers provided by her herein are true and no false or misleading information has been provided.

PREPA submits: *See Exhibit C, D, E*³.

- 6) Not for Profit Intervenors: EPA comments regarding approval or reaction to units being used to cover the deficiencies of Costa Sur.

The following response was provided by Luisette Ríos Castañer, Head Environmental Protection and Quality Assurance Division, PREPA. Luisette Ríos Castañer certifies that, to the best of her information and belief, all answers provided by her herein are true and no false or misleading information has been provided:

PREPA submits: PREPA is currently working with EPA and there is no final response or document that can be provided at this time.

- 7) Energy Bureau: Request of comparison of the difference of amount to Distributed Generation (DG) connected to the PREPA system before and after Hurricane Maria.

The following response was provided by Joseline N. Estrada Rivera, Manager of Statistics and Projections Division, Planning Directorate, PREPA. Joseline Estrada Rivera certifies that, to the best of her information and belief, all answers provided by her herein are true and no false or misleading information has been provided.

PREPA submits: *See chart below that shows the distributed generation comparison before and after Hurricane Maria, the average capacity and the capacity by client. The data is from registered systems, not necessarily billed.*

³ Exhibit C *No-Action Assurance Extension Request – Puerto Rico Electric Power Authority Earthquakes* dated January 14, 2020; Exhibit D *No-Action Assurance Extension Request for fuel Consumption and Analysis* Dated January 31, 2020; Exhibit E. *No-Action Assurance Extension Request for Internal Combustion Engines* dated January 31, 2020.

Date	Clients	Variance (abs)	Variance (%)	Capacity (MW)	Variance (abs)	Variance (%)	Avg. Cap x Client	Variance (abs)	Variance (%)	Comments
Jun-15	2,714			51.3			18.9			
Jun-16	5,491	2,777	102.3	77.3	26	50.7	14.1	-4.8	-25.5	
Jun-17	9,598	4,107	74.8	117.5	40	52.0	12.2	-1.8	-13.1	Before Hurricane María
Jun-18	12,724	3,126	32.6	131.4	14	11.9	10.3	-1.9	-15.6	After Hurricane María
Jun-19	15,036	2,312	18.2	159.6	28	21.5	10.6	0.3	2.8	

Date	Clients	Variance (abs)	Variance (%)	Capacity (MW)	Variance (abs)	Variance (%)	Avg. Cap x Client	Variance (abs)	Variance (%)	Comments
Dec-15	4,104			65.3			15.9			
Dec-16	7,497	3,393	82.7	99.3	34	52.0	13.2	-2.7	-16.8	Before Hurricane María
Dec-17	10,410	2,913	38.9	118.8	20	19.7	11.4	-1.8	-13.8	After Hurricane María
Dec-18	13,621	3,211	30.8	138.4	20	16.5	10.2	-1.3	-11.0	
Dec-19	16,359	2,738	20.1	169.6	31	22.5	10.4	0.2	2.0	

- 8) Not for Profit Intervenors: Evaluation of renewables: how they behaved after Maria and after the earthquakes: Capacity installed- information of damages by Maria or Earthquakes, if they were available or not.

The following response was provided by Eng. Gary Soto Head of Operations of the Electric System, PREPA. Eng. Gary Soto certifies that, to the best of his information and belief, all answers provided by him herein are true and no false or misleading information has been provided.

PREPA submits: See Exhibit F and G. ⁴

⁴ Exhibit F-Renewable Energy Daily Report during the restoration of the system in the aftermath of Hurricane Maria. Exhibit G-Renewable Energy Daily Report during the restoration of the system in the aftermath of the January 7, 2020 Earthquake.

WHEREFORE, it is respectfully requested that the Energy Bureau notes PREPA's compliance providing response to information requested during the IRP Evidentiary Hearings.

RESPECTFULLY SUBMITTED.

In San Juan, Puerto Rico, this 12th day of March 2020.

/s Katuska Bolaños
Katuska Bolaños
kbolanos@diazvaz.law
TSPR 18888

DÍAZ & VÁZQUEZ LAW FIRM, P.S.C.
290 Jesús T. Piñero Ave.
Oriental Tower, Suite 1105
San Juan, PR 00918
PO Box 11689
San Juan, PR 00922-1689
Tel. (787) 395-7133
Fax. (787) 497-9664

Exhibit A


*Confidential-PREPA- S4S2_V5.0_Metrics_CR7_R7_Storage Adj_Final Generation Bus Mapping
20190521.xlsx*

[Exhibit has been submitted under seal.]

Exhibit B

PREPA's Generation Directorate Generation Fleet Status, Rev. 02/24/2020.pdf

[Exhibit has been submitted in a redacted version.]

<div>  <div> Generation Directorate Generation Fleet Status </div> <div>REV: 2/24/2020</div> </div>						
Power Station	Unit	Capacity (MW)	Available Capacity	Condition	Comments	IRP Retirement Schedule
PREPA's Base Generation						
San Juan	CT 5	160	160	Available		
	STM 5	60		Not available		
	CT 6	160	120	Available		Q4- 2025
	STM 6	60		Not available	Unit tripped on January 26 with neutral ground overvoltage protection. Under investigation.	
	7	100	70	Available	Limited used unit.	Q4-2023
	8	100		Not available	Limited used unit. Unit availability expected for February 14, 2020.	Q4-2021
	9	100	90	Available		Q2-2022
	10	100		Not available		Q2-2023
Palo Seco	1	85	70	Available	This unit is limited.	Q4-2020
	2	85		Not available	Limited used unit.	Q4-2020
	3	216	150	Available	Operating with a force majeure claim to EPA. Environmental outage due.	Q4-2025
	4	216	150	Available		Q4-2025
Aguirre Steam Plant	1	450	112	Available	Limitation.	Q4-2019
	2	450		Not available	Unit in start up tests.	Q4-2019
South Coast	5	410		Not available	Damage structures due to Earthquake on January 7, 2020.	Q4-2020
	6	410		Not available	Damage structures due to Earthquake on January 7, 2020.	Q4-2020
Total PREPA Base Generation		3162	922	29.16%	Available	

PREPA's Reserve Generation Fleet						
Aguirre Combined Cycle	I-1	50	50	Available SC		
	I-2	50	50	Available SC		
	I-3	50	50	Available SC		
	I-4	50		Not available	Expected availability Feb 24, 2020.	
	ST-1	96		Not available		
	II-1	50	50	Available SC		Q4-2025
	II-2	50		Not available	Major inspection. Unit availability is schedule for Dec. 30, 2019.	Q4-2025
	II-3	50	50	Available SC		Q4-2025
	II-4	50	50	Available SC		Q4-2025
ST-2	96		Not available		Q4-2025	
Total Aguirre CC		592	300	50.68%	Availability	
DAGUAO	1-1	21	21	Available		Q3-2019-Q4-2020
	1-2	21	21	Available		
AGUIRRE	2-1	21		Not available	Unit beyond major repair. There is an RFQ process to replace these units.	
	2-2	21	21	Available		
PALO SECO	1-1	21	21	Available		
	1-2	21		Not available		
	2-1	21		Not available		
	2-2	21		Not available	Overdue for major inspection. Unit will be replaced by the new Pratt & Whitney aeroderivative units in terms of air permits.	
	3-1	21		Not available	Unit will be replaced by the new Pratt & Whitney aeroderivative units in terms of air permits.	
	3-2	21		Not available	High Vibrations. Unit will be replaced by the new Pratt & Whitney aeroderivative units in terms of air permits.	
	PW 1	22	22	Available		
	PW 2	22	22	Available		
	PW 3	22	22	Available		
COSTA SUR	1-1	21		Not available		
	1-2	21		Not available		
JOBOS	1-1	21		Not available	Unit beyond major repair. There is an RFQ process to replace these units.	
	1-2	21	21	Available		
YABUCOA	1-1	21	21	Available		Q3-2019-Q4-2020
	1-2	21		Not available	Unit in start up test.	
VEGA BAJA	1-1	21		Not available		Q3-2019-Q4-2020
	1-2	21	21	Available		
Total 18 Peaking Units		444	213	47.97%	Availability	

Power Station	Unit	Capacity (MW)	Available Capacity	Condition	Comments	IRP Retirement Schedule
MAYAGUEZ	1A	27.5	27.5	Available		
	1B	27.5	27.5	Available		
	2A	27.5		Available		
	2B	27.5		Available		
	3A	27.5	27.5	Available		
	3B	27.5	27.5	Available		
	4A	27.5		Available		
	4B	27.5		Available		
Total Mayaguez		220	110			
CAMBALACHE	1	82.5		Not available		
	2	82.5	82.5	Available		
	3	82.5	82.5	Available		
Total Cambalache		247.5	165			
VIEQUES	1	3	3	Available		
	2	3		Not Available		
Culebra	1	2	2	Available		
	2	2	2	Available		
	3	2	2	Available		
Total Vieques and Culebra		12	9			
Total Peaking & Emergency Units		1,515.5	797.0	52.59% Availability		
HYDROELECTRICS						
Toro Negro	1-1	1.5		Not Available	Unit tripped. Troubleshooting in process.	
Toro Negro	1-2	1.5	1.5	Available		
Toro Negro	1-3	1.5	1.5	Available		
Toro Negro	1-4	4		Not Available	Generator repairs due to Hurricane Maria Flooding.	
Toro Negro	2	2		Not Available		
Yauco	1	25		Not Available		
Yauco	2-1	4.5	2	Available		
Yauco	2-2	4.5		Not Available		
Garzas	1-1	3.6		Not Available		
Garzas	1-2	3.6		Available		
Garzas	2	5		Not Available	Transmission line failure due to Hurricane Maria.	
Caonillas	1-1	9		Not Available	Station flooding failure due to Hurricane Maria.	
Caonillas	1-2	9		Not Available	Station flooding failure due to Hurricane Maria.	
Caonillas	2	3.6		Not Available	Pending major overhaul budget approvals.	
Dos Bocas	1	5		Not Available		
Dos Bocas	2	5		Not Available		
Dos Bocas	3	5		Not Available	Out of service	
Patillas	1-1	0.8		Not Available		
Patillas	1-2	0.6		Not Available		
Rio Blanco	1	2.5		Not Available		
Rio Blanco	2	2.5		Not Available		
Total Hydro		99.7	5	5.02%		
TOTAL PREPA's GENERATION		4,777.2	1,724.0	36.09% Available		
Private Power Producers						
AES	1	227.15	227.2	Available		
	2	227.15	225	Available		
Total AES		454.3	452.2			
Ecoelectric	CT 1	167	167	Available		
	CT 2	167	167	Available		
	STM	173	173	Available		
Total Ecoelectric		507	507			
TOTAL PRIVATE POWER PRODUCERS GENERATION		961.3	959.2	99.78% Available		
RENEWABLES						
SOLAR						
AES ILUMINA		20	20			
WINDMAR		2.1	2.1			
SAN FERMIN		20	20			
HORIZON		10	10			
ORIANA		45	30		Internal Tests	
COTO LAUREL		10	10			
FONROCHE		40	30		Hurricane Maria. Internal Tests.	
WIND						
BECHARA		1	0			
PATTERN		75	75			
PUNTA LIMA		26	0		Hurricane Maria	
LANDFILL GAS						
FAJARDO		2.4	2.4			
TOA BAJA		2.4	2.4			
TOTAL RENEWABLES		253.9	201.9	79.52% Available		
SYSTEM GRAND TOTAL		5,992.4	2,885.1	48.15% Available		
SYSTEM GRAND TOTAL		5,738.5	2,683.2	46.76% Available without Renovables		

Exhibit C

No-Action Assurance Extension Request – Puerto Rico Electric Power Authority Earthquakes
dated January 14 2020.

January 14, 2020

By Electronic Mail

Ms. Susan Bodine
Assistant Administrator
Office of Enforcement & Compliance Assurance
U.S. Environmental Protection Agency
Mail Code 2201A
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

Mr. Phillip A. Brooks
Director
Air Enforcement Division
Office of Civil Enforcement
U.S. Environmental Protection Agency
Mail Code 2242A
1200 Pennsylvania Ave, N.W.
Washington, DC 20460

Re: No-Action Assurance Extension Request – Puerto Rico Electric Power Authority – Earthquakes

Dear Ms. Bodine and Mr. Brooks:

I write on behalf of the Puerto Rico Electric Power Authority (“PREPA”) to request that the United States Environmental Protection Agency (“EPA”) issue a no-action assurance due to the extreme circumstances that have arisen in the Commonwealth of Puerto Rico caused by a series of earthquakes occurring in and around the Guanica municipal area in the southwest region of Puerto Rico. On January 7, 2020, the Governor of Puerto Rico issued an executive order declaring a state of emergency for the Commonwealth of Puerto Rico to facilitate the deployment of resources necessary to respond to the widespread destruction caused by the earthquakes. Specifically, PREPA writes requesting that EPA exercise its discretion to not enforce the requirements of PREPA’s Clean Air Act permits,¹ the Mercury and Air Toxics Standards (“MATS”),² the Puerto Rico

¹ The applicable Title V permits include permit numbers PFE-TV-4911-63-0212-0244 (Aguirre Power Station), PFE-TV-4911-70-1196-0015 (Palo Seco Steam Power Plant), TV-4911-70-1196-0015 TV-4911-31-0397-0021 (South Coast Steam Power Plant), PFE-TV-4911-65-1196-0016 (San Juan Steam Power Plant), TV-4911-63-1196-0014 (Mayaguez), PFTE-TV-4911-07-0897-0043 (Cambalache Combustion Turbine Plant), PFE-TV-4911-19-0306-0447 (Daguao Turbine Power Block), PFE-TV-4911-30-1107-0991 (Jobos Turbine Power Block), , and PFE-TV-4911-77-0707-0759 (Yabucoa Gas Turbine Power Block). The applicable permits and authorizations also include a letter from the Puerto Rico Department of Natural and Environmental Resources RE “Solicitud de Dispensa de Emergencia,” TV-4911-70-1196-0015 (approval of waiver request to install and operate three gas turbines at Palo Seco Steam Power Plant), Modified Construction Permit for San Juan Power Plant PFE-65-0499-0365-I-II-C (Natural Gas Conversion project), and the letter from U.S. EPA to PREPA RE “Prevention of Significant Deterioration of

State Implementation Plan (“SIP”),³ other applicable provisions of or regulations under the Clean Air Act, and the provisions of the 1999 Consent Decree between the United States of America and PREPA. A no-action assurance is necessary to protect public welfare as the Commonwealth of Puerto Rico and PREPA respond to the extreme circumstances created by the series of earthquakes that have occurred in and around Puerto Rico since the end of December 2019, which includes at least six earthquakes of a 5.0 magnitude or greater.

The Costa Sur power plant in the southern town of Guayanilla, located near the epicenter of the January 7, 2020 earthquakes of 6.4- and 5.6-magnitude, experienced significant damage to Costa Sur units nos. 5 (410 megawatts (MW)) and 6 (410MW), and to ancillary equipment serving those units. Due to ongoing earthquake activity, and the instability of the Costa Sur power complex, PREPA personnel have not been permitted on-site to fully assess the impact of the earthquakes. Current estimates are that it will take months to affect repairs to the damaged units and equipment, which could remain offline for up to one year. The damaged units provide approximately 25% of the baseload generated electricity used by homes and businesses on the island.

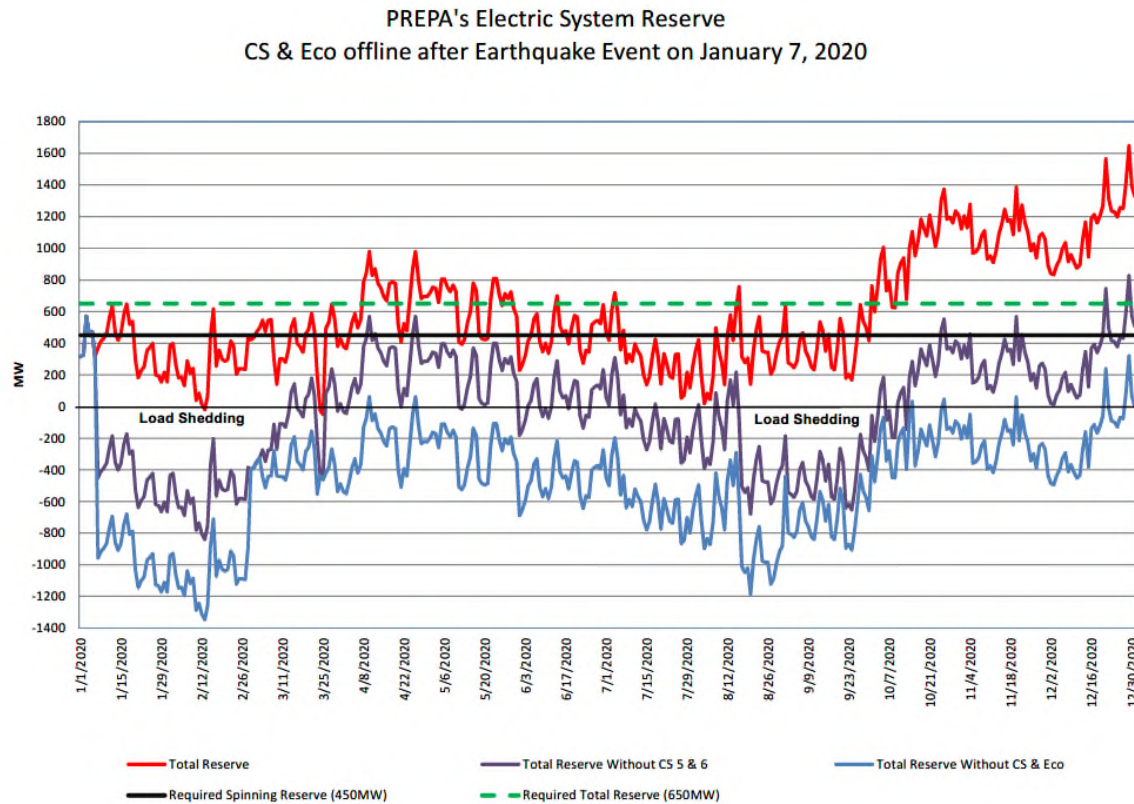
With Costa Sur out of service due to the impact of the earthquakes, Puerto Rico needs to rely on its other power plants to operate almost at full capacity to meet demand and to ensure the protection of public health.⁴ As of the writing of this letter, PREPA has restored power to approximately 98% of Puerto Rico’s approximately 1.4 million customers. Nonetheless, once the power is fully restored, Puerto Rico will have no reserve capacity, and there will be little leeway for any of its plants to go offline, which could lead to possible blackouts or brownouts. At this time, PREPA is considering emergency measures, including the rationing of power amongst the island’s power sector grids, to ensure the maintenance of power. The graph below projects PREPA’s generation deficit from January 1, 2020 through December 2020 under three operating scenarios.

Air Quality (PSD) Non-Applicability Analysis of San Juan Units 5 and 6 Fuel Conversion Project,” dated July 19, 2019.

² See generally 40 C.F.R. Part 63, Subpart UUUU; see also *id.* tbl 2 (listing a filterable particulate matter limit of 0.03 lb/MMBtu for liquid oil-fired non-continental generating units).

³ See generally 40 C.F.R. Part 52, Subpart BBB.

⁴ Private power providers, such as EcoEléctrica, also remain offline due to the emergency situation caused by the earthquake.



In the above graph, the green dotted line shows PREPA's required 650 MW total grid reserve, while the bold black line shows PREPA's required 450 MW spinning reserve or "synchronous reserve." Under normal operating conditions, the 450 MW spinning reserve is provided by units already in service or "synched" to the grid, while the additional 200 MW spinning reserve is "non-synchronous" and is covered by offline peaking plants. When the reserve is at 0 MW, it means that PREPA has no reserve, and when the reserve is negative, it means that if PREPA experiences a further disturbance that causes it to lose generation, or is not able to bring other generating units online, that lost generation will result in load shedding.

With that context, the red line shows the reserve from PREPA's baseline power generation, reflecting business as usual prior to the earthquakes. In particular, the red line considers Costa Sur units nos. 5 and 6 in operation, and all operating units in compliance with applicable Clean Air Act requirements, permit conditions, and consent decree obligations. The purple line shows the reserve from PREPA's baseline load generation with Costa Sur units nos. 5 and 6 out of operation as a result of the earthquakes. The blue line shows the reserve from PREPA's baseload generation if Costa Sur units nos. 5 and 6 as well as EcoEléctrica are out of operation.

At this time, PREPA is still gathering information on the full extent of the flexibility needed to provide power to the island, and it will continue to provide further information to EPA as it becomes

available. Based on the foregoing, and the need to ensure that the citizens of Puerto Rico have electricity, PREPA requests a no action assurance as set forth in Table 1:

TABLE 1: Clean Air Act Requirements

Facility	Unit	Clean Air Act Requirements and Title V Permit Obligations
San Juan	5 (160MW)	For performance of conditions under the Modified Construction Permit, PFE-65-0499-0365-I-II-C (Natural gas conversion project). Further, under the circumstances, PREPA expects significant delays in required performance testing, maintenance obligations, and associated notification, recordkeeping and reporting obligations.
San Juan	6 (160MW)	For performance of conditions under the Modified Construction Permit, PFE-65-0499-0365-I-II-C (Natural gas conversion project). Further, under the circumstances, PREPA expects significant delays in required performance testing, maintenance obligations, and associated notification, recordkeeping and reporting obligations.
San Juan	7 (100MW)	This unit is as a designated MATS limited use unit. PREPA will be required to run this unit beyond the limited use restrictions imposed by MATS. For performance under the 1999 Consent Decree.
San Juan	8 (100MW)	This unit is designated as a MATS limited use unit. PREPA will be required to run this unit beyond the limited use restrictions imposed by MATS. For performance under the 1999 Consent Decree.
San Juan	9 (100MW)	MATS requirements related to particulate matter ("PM") emissions limitation of 0.030 lb/MMBTU, associated performance testing requirements, and work practice standards. For performance under the 1999 Consent Decree.
Costa Sur	5 (410MW)	For performance under the 1999 Consent Decree related to required reporting obligations. For safety reasons, PREPA has limited and restricted access to the site, including restricted access to data and systems necessary to complete reporting obligations.
Costa Sur	6 (410MW)	For performance under the 1999 Consent Decree related to required reporting obligations. For safety reasons, PREPA has

Facility	Unit	Clean Air Act Requirements and Title V Permit Obligations
		limited and restricted access to the site, including restricted access to data and systems necessary to complete reporting obligations.
Palo Seco	1 (85MW)	<p>This unit is designated as a MATS limited use unit. PREPA will be required to run this unit beyond the limited use restrictions imposed by MATS.</p> <p>For performance under the 1999 Consent Decree</p> <p>Palo Seco Title V Permit conditions related to MATS compliance and the 1999 Consent Decree requirements incorporated into the Title V permit.</p>
Palo Seco	3 (216MW)	<p>MATS requirements related to particulate matter ("PM") emissions limitation of 0.030 lb/MMBTU, associated performance testing requirements, and work practice standards.</p> <p>For performance under the 1999 Consent Decree.</p> <p>Palo Seco Title V Permit conditions related to MATS compliance and the 1999 Consent Decree requirements incorporated into the Title V permit.</p>
Palo Seco	4 (216MW)	<p>MATS requirements related to particulate matter ("PM") emissions limitation of 0.030 lb/MMBTU, associated performance testing requirements, and work practice standards.</p> <p>For performance under the 1999 Consent Decree.</p> <p>Palo Seco Title V Permit conditions related to MATS compliance and the 1999 Consent Decree requirements incorporated into the Title V permit.</p>
Palo Seco	GT 1-1 (21MW)	Palo Seco Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Palo Seco	GT 1-2 (21MW)	Palo Seco Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Palo Seco	GT 3-1 (21MW)	Palo Seco Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.

Facility	Unit	Clean Air Act Requirements and Title V Permit Obligations
Palo Seco	Mobile Pack 1 (1411) (23MW)	<p>For compliance with itemized conditions under the letter from the Puerto Rico Department of Natural and Environmental Resources RE "Solicitud de Dispensa de Emergencia," dated October 24, 2019, TV-4911-70-1196-0015, approving a waiver request to install and operate three gas turbines at the Palo Seco Steam Power Plant ("Emergency Waiver"), and the Prevention of Significant Deterioration ("PSD") emissions thresholds that are expected to be exceeded.</p> <p>When the Emergency Waiver expires, for performance under the Puerto Rico Regulation for Control of Atmospheric Pollution (40 C.F.R. § 52.2723) related to permit requirements and emissions limits.</p> <p>For performance under other applicable Clean Air Act requirements, including but not limited to 40 C.F.R. Part 60, Subpart KKKK and 40 C.F.R. Part 63, Subpart YYYY.</p>
Palo Seco	Mobile Pack 1 (1410) (23MW)	<p>For compliance with itemized conditions under the letter from the Puerto Rico Department of Natural and Environmental Resources RE "Solicitud de Dispensa de Emergencia," dated October 24, 2019, TV-4911-70-1196-0015, approving a waiver request to install and operate three gas turbines at the Palo Seco Steam Power Plant ("Emergency Waiver"), and the Prevention of Significant Deterioration ("PSD") emissions thresholds that are expected to be exceeded.</p> <p>When the Emergency Waiver expires, for performance under the Puerto Rico Regulation for Control of Atmospheric Pollution (40 C.F.R. § 52.2723) related to permit requirements and emissions limits.</p> <p>For performance under other applicable Clean Air Act requirements, including but not limited to 40 C.F.R. Part 60, Subpart KKKK and 40 C.F.R. Part 63, Subpart YYYY.</p>
Palo Seco	Mobile Pack 1 (1412) (23MW)	<p>For compliance with itemized conditions under the letter from the Puerto Rico Department of Natural and Environmental Resources RE "Solicitud de Dispensa de Emergencia," dated October 24, 2019, TV-4911-70-1196-0015, approving a waiver request to install and operate three gas turbines at the Palo Seco Steam Power Plant ("Emergency Waiver"), and the Prevention of Significant Deterioration ("PSD") emissions thresholds that are expected to be exceeded.</p>

Facility	Unit	Clean Air Act Requirements and Title V Permit Obligations
		<p>When the Emergency Waiver expires, for performance under the Puerto Rico Regulation for Control of Atmospheric Pollution (40 C.F.R. § 52.2723) related to permit requirements and emissions limits.</p> <p>For performance under other applicable Clean Air Act requirements, including but not limited to 40 C.F.R. Part 60, Subpart KKKK and 40 C.F.R. Part 63, Subpart YYYY.</p>
Aguirre	1 (450MW)	<p>MATS requirements related to the particulate matter ("PM") emissions limit of 0.030 lb/MMBTU, associated performance testing requirements, and work practice standards.</p> <p>For performance under the 1999 Consent Decree.</p>
Aguirre	Combined cycle gas turbine "CCGT" 1-1 (50MW)	Aguirre Title V permit conditions related to fuel quality requirements, and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Aguirre	CCGT 1-2 (50MW)	Aguirre Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Aguirre	CCGT 1-3 (50MW)	Aguirre Title V permit conditions related to fuel quality requirements, and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Aguirre	CCGT 1-4 (50MW)	Aguirre Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Aguirre	CCGT 2-1 (50MW)	Aguirre Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Aguirre	CCGT 2-3 (50MW)	Aguirre Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Aguirre	CCGT 2-4 (50MW)	Aguirre Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.

Facility	Unit	Clean Air Act Requirements and Title V Permit Obligations
Mayaguez	GT-5 (54MW)	Mayaguez Title V permit conditions related to fuel quality requirements, and fuel consumption limits (barrels per year), which will directly impact annual emissions and other permit conditions (e.g., emissions control).
Mayaguez	GT-6 (54MW)	Mayaguez Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Mayaguez	GT-7 (54MW)	Mayaguez Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions and other permit conditions (e.g., emissions control).
Mayaguez	GT-8 (54MW)	Mayaguez Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions and other permit conditions (e.g. emissions control).
Cambalache Peakers	2 (83MW)	Cambalache Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Cambalache Peakers	3 (83MW)	Cambalache Title V permit conditions related to fuel quality requirements and fuel consumption limits (barrels per year), which will directly impact annual emissions.
Daguao Peakers	GT 1-1 (21MW)	Daguao Title V permit conditions related to fuel quality requirements fuel consumption limits (barrels per year), which will directly impact annual emissions; and noise control requirements (hours operating restrictions) required by Commonwealth ordinance and PR Rule for the Control of Noise Pollution.
Daguao Peakers	GT 1-2 (21MW)	Daguao Title V permit conditions related to fuel quality; fuel consumption limits (barrels per year), which will directly impact annual emissions; and noise control requirements (hours operating restrictions) required by Commonwealth ordinance PR Rule for the Control of Noise Pollution.
Yabucoa Peakers	GT 1-1 (21MW)	Yabucoa Title V permit conditions related to fuel quality requirements fuel consumption limits (barrels per year), which will directly impact annual emissions; and noise control requirements

Facility	Unit	Clean Air Act Requirements and Title V Permit Obligations
		(hours operating restrictions) required by Commonwealth ordinance PR Rule for the Control of Noise Pollution.
Jobos Peakers	GT 1-2 (21MW)	Jobos Title V permit conditions related to fuel quality requirements fuel consumption limits (barrels per year), which will directly impact annual emissions; and noise control requirements (hours operating restrictions) required by Commonwealth ordinance PR Rule for the Control of Noise Pollution.
	Internal Combustion Engines	PREPA will be required to run these combustion engines in excess of this limit.

PREPA identifies in Table 1 the basic Clean Air Act-related requirements that are implicated by PREPA's need to operate the listed units at or near their full capacity. PREPA will address any variations in operating unit conditions. PREPA is not now seeking to cover with this request for a no action assurance(s) PREPA power generating units that are currently offline but that are expected to return to service. Should those units become available, PREPA may need to seek additional relief from EPA in the form of further no action assurance(s). Under the circumstances, PREPA cannot reasonably predict the precise timeframe in which it will require additional regulatory flexibility, but PREPA will use its best efforts to keep EPA abreast of the restoration of its grid and its progress towards a resumption of normal operation.

PREPA knows that EPA is taking all possible measures to assist the Commonwealth in responding to, and recovering from, the earthquakes, and we stand ready to support the agency in those measures. We look forward to hearing from you soon.

Respectfully submitted,



Adam M. Kushner

Partner
adam.kushner@hoganlovells.com
D +1 202 637 5724

Cc: Mr. Eric Schaaf, EPA Region 2 Counsel
Ms. Carmen Guerrero, EPA Caribbean Office
Mr. Armando Otero, Acting Secretary, Puerto Rico Department of Natural and Environmental Resources

Exhibit D

No-Action Assurance Extension Request for fuel Consumption and Analysis
dated January 31 2020.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C., 20460

ASSISTANT ADMINISTRATOR
FOR ENFORCEMENT AND
COMPLIANCE ASSURANCE

JAN 31 2020

Adam Kushner
Hogan Lovells US LLP
Columbia Square
555 Thirteenth Street, NW
Washington, D.C. 20004

RE: No Action Assurance for Puerto Rico Power Authority for Fuel Consumption and Analysis

Dear Mr. Kushner:

This letter is in response to your January 14, 2020, request, on behalf of the Puerto Rico Electric Power Authority (PREPA), for No Action Assurance (NAA) regarding the operation of certain electric generating units operated by PREPA in Puerto Rico. More specifically, this letter responds to that portion of PREPA's request that seeks relief for the fuel consumption limits and fuel quality and quality analysis requirements described below. Beginning on or about December 28, 2019, and continuing through at least January 7, 2020, Puerto Rico has experienced multiple earthquakes and aftershocks that have caused extreme damage to its power grid. Among other things, the earthquakes have rendered the Costa Sur power station, a critical baseload station, inoperable. On January 7, 2020, the Governor of Puerto Rico signed an Executive Order declaring a state of emergency throughout Puerto Rico; on January 16, 2020, the President signed a major disaster declaration for Puerto Rico.

The U.S. Environmental Protection Agency has determined that issuance of this NAA is necessary to enable PREPA to supply electricity to residential and business customers. Because the request for an NAA covers multiple units in varying operating circumstances, after discussions with counsel for PREPA the EPA has determined that the most appropriate way to timely address the requested action is to issue this NAA covering a subset of the units identified in the January 14, 2020 request. To that end, as set forth below, this NAA addresses the generating units identified in Table 1 below for the permit provisions and requirements of law specifically identified in the Table.

The EPA has determined that issuing an NAA, as detailed below, is in the public interest given the conditions in Puerto Rico. Through the issuance of this NAA, the EPA is continuing its commitment to address the very difficult circumstances caused by recent earthquakes.

Nothing in this exercise of enforcement discretion relieves any person of the obligation under law, if any, to report emissions from the operation of equipment covered by this action. Pursuant to this NAA, the EPA will not enforce violations of the following requirements that occur during the period of this NAA:

- The fuel consumption limits identified in Table 1 for the identified Generating Unit; and
- The fuel quality and quality analysis requirements identified in Table 1 for the identified Generating Unit, to the extent that the requirements mandate that the analysis of the fuel sample must be completed prior to firing of the fuel in the Generating Unit.

This NAA is subject to the following conditions:

1. Fuel consumption limits: Once the NAA terminates, in calculating the 365-day rolling total fuel consumption, PREPA may exclude fuel consumption data from days it operated pursuant to this NAA and instead calculate the 365-day rolling total fuel consumption by including 365 days of fuel consumption data from consecutive days immediately prior to the effective date and immediately after the termination date of this NAA, but excluding each day that PREPA operated a covered Generating Unit pursuant to this NAA. PREPA must, however, also provide the Puerto Rico Department of Natural and Environmental Resources with the 365-day rolling total fuel consumption calculation using the total fuel consumption data during the time it operated pursuant to this NAA;
2. Fuel quality and quality analysis: Where results of the fuel quality analysis are not available prior to the need to burn the fuel, PREPA will rely on bulk analysis documentation from the fuel supplier regarding the content of the fuel to show that the fuel is compliant with the required standard. PREPA will also not blend the newly received fuel with other fuel not known to be compliant prior to receipt of its own fuel quality analysis results. In the event PREPA becomes aware that it is burning noncompliant fuel, through receiving lab results or otherwise, PREPA will notify the EPA immediately and timely take any actions required by EPA to address the noncompliant fuel;
3. To the best of its ability, while the NAA is in effect PREPA will report on fuel consumption for the 365 days prior to this NAA in accordance with any reporting requirement in an applicable permit or regulation;
4. PREPA informs the EPA within 48 hours that it has obtained sufficient generation from units compliant with the Clean Air Act and all applicable permits to allow discontinuation of operation of covered Generating Units under this NAA; and
5. PREPA complies with all conditions imposed by territory or local authorities on these emergency operations.

PREPA must submit a report to the EPA within thirty (30) days of the termination of the NAA containing the following information:

1. The name, address, and contact information for the person submitting the report;
2. A description of the amount of fuel used for each covered Generating Unit during the period this NAA is in effect;
3. A description of how the energy was used, including any benefits provided to the public; and
4. A description of any instances in which fuel quality analysis results received after PREPA began burning newly-received fuel indicated that the fuel was not compliant.

The report referenced above must be sent by email to Gregory Fried, Chief, Stationary Source Enforcement Branch, within EPA's Air Enforcement Division, at fried.gregory@epa.gov. The report

must be in portable document format (PDF) and be clearly labeled as "Report for PREPA Generators Operated Pursuant to the No Action Assurance First Issued (insert date of issuance of this NAA)." Where the information for these reports is not available due to the emergency circumstances, the EPA would accept instead an explanation of those circumstances and specifically how they prevented the collection or transmission of that information.

This NAA terminates at 11:59 PM Atlantic Standard Time, April 30, 2020. The EPA will assess whether an extension to or revision of this NAA is necessary and appropriate. The EPA reserves the right to revoke or modify the NAA if the EPA believes that such action is necessary to protect public health and the environment. This NAA does not apply to any other federal requirements that may apply to regulated activities at this facility other than those listed above. The EPA intends to use the period of the NAA to evaluate the appropriate longer-term approach for addressing this situation.

The issuance of an NAA for this period of time is in the public interest. Through today's NAA, the EPA is continuing its commitment to address the very difficult circumstances caused by the recent earthquakes. Nothing in this NAA is intended to over-ride Puerto Rico or local authorities.

Please contact Gregory Fried, Chief, Stationary Source Enforcement Branch, with questions. Mr. Fried can be reached at (202) 564-7016 or fried.gregory@epa.gov.

Sincerely,


Susan Parker Bodine

cc: Peter D. Lopez, Regional Administrator, EPA Region 2

TABLE 1: Covered Generating Units and Associated Clean Air Act Permit Requirements

Facility	Generating Unit	Clean Air Act Permit Requirements
Palo Seco	GT 1-1 (21MW)	Palo Seco Title V permit No. PFE-TV-4911-70-1196-0015 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B) and V(B)(c)–(d).
Palo Seco	GT 1-2 (21MW)	Palo Seco Title V permit No. PFE-TV-4911-70-1196-0015 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B) and V(B)(c)–(d).
Palo Seco	GT 3-1 (21MW)	Palo Seco Title V permit No. PFE-TV-4911-70-1196-0015 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B) and V(B)(c)–(d).
Aguirre	Combined cycle gas turbine “CCGT” 1-1 (50MW)	Aguirre Title V permit No. PFE-TV-4911-63-0212-0244 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B), V(B)(c)–(d), and V(C).
Aguirre	CCGT 1-2 (50MW)	Aguirre Title V permit No. PFE-TV-4911-63-0212-0244 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B), V(B)(c)–(d), and V(C).
Aguirre	CCGT 1-3 (50MW)	Aguirre Title V permit No. PFE-TV-4911-63-0212-0244 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B), V(B)(c)–(d), and V(C).
Aguirre	CCGT 1-4 (50MW)	Aguirre Title V permit No. PFE-TV-4911-63-0212-0244 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B), V(B)(c)–(d), and V(C).
Aguirre	CCGT 2-1 (50MW)	Aguirre Title V permit No. PFE-TV-4911-63-0212-0244 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B),

Facility	Generating Unit	Clean Air Act Permit Requirements
		V(B)(c)–(d), and V(C).
Aguirre	CCGT 2-3 (50MW)	Aguirre Title V permit No. PFE-TV-4911-63-0212-0244 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B), V(B)(c)–(d), and V(C).
Aguirre	CCGT 2-4 (50MW)	Aguirre Title V permit No. PFE-TV-4911-63-0212-0244 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(B), V(B)(c)–(d), and V(C).
Mayaguez	GT-5 (54MW)	Mayaguez construction permit no. PFE-50-0307-0286-I-II-C for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions II; and III(A)(31)–(33) and (37).
Mayaguez	GT-6 (54MW)	Mayaguez construction permit no. PFE-50-0307-0286-I-II-C for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions II; and III(A)(31)–(33) and (37).
Mayaguez	GT-7 (54MW)	Mayaguez construction permit no. PFE-50-0307-0286-I-II-C for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions II; and III(A)(31)–(33) and (37).
Mayaguez	GT-8 (54MW)	Mayaguez construction permit no. PFE-50-0307-0286-I-II-C for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions II; and III(A)(31)–(33) and (37).
Cambalache Peakers	2 (83MW)	Cambalache PSD Permit Modification for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Attachment I (general description); and Attachment II, Conditions VII(1), (2), (5), and X.
Cambalache Peakers	3 (83MW)	Cambalache PSD Permit Modification for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Attachment I (general description); and Attachment II, Conditions VII(1), (2), (5), and X.

Facility	Generating Unit	Clean Air Act Permit Requirements
Daguao Peakers	GT 1-1 (21MW)	Daguao Title V permit No. PFE-TV-4911-63-0212-0447 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(A)(1) and V(A)(1)(c)–(d).
Daguao Peakers	GT 1-2 (21MW)	Daguao Title V permit No. PFE-TV-4911-63-0212-0447 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(A)(1) and V(A)(1)(c)–(d).
Yabucoa Peakers	GT 1-1 (21MW)	Yabucoa Title V permit No. PFE-TV-4911-77-0707-0759 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(A)(1) and V(A)(1)(c)–(d).
Jobos Peakers	GT 1-2 (21MW)	Jobos Title V permit No. PFE-TV-4911-30-1107-0991 for conditions pertaining to fuel quality testing and fuel consumption limits (barrels per year) at Conditions V(A)(1) and V(A)(1)(c)–(d).

Exhibit E

No-Action Assurance Extension Request for Internal Combustion Engines
dated January 31 2020.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C., 20460

ASSISTANT ADMINISTRATOR
FOR ENFORCEMENT AND
COMPLIANCE ASSURANCE

JAN 31 2020

Adam Kushner
Hogan Lovells US LLP
Columbia Square
555 Thirteenth Street, NW
Washington, D.C. 20004

RE: No Action Assurance for Puerto Rico Electric Power Authority for Internal Combustion Engines

Dear Mr. Kushner:

This letter is in response to your January 14, 2020, request, on behalf of the Puerto Rico Electric Power Authority (PREPA), for No Action Assurance (NAA) regarding the operation of certain electric generating units operated by PREPA in Puerto Rico. More specifically, this letter responds to that portion of PREPA's request that seeks relief for the operation of internal combustion engines (ICE) in service at the following PREPA facilities in Puerto Rico: Aguirre, San Juan, Palo Seco, Costa Sur, Mayaguez, Cambalache, Daguao, Yabucoa, and Jobos. Beginning on or about December 28, 2019, and continuing through at least January 7, 2020, Puerto Rico has experienced multiple earthquakes and aftershocks that have caused extreme damage to its power grid. Among other things, the earthquakes have rendered the Costa Sur power station, a critical baseload station, inoperable. On January 7, 2020, the Governor of Puerto Rico signed an Executive Order declaring a state of emergency throughout Puerto Rico; on January 16, 2020, the President signed a major disaster declaration for Puerto Rico.

On January 11, 2020, Puerto Rico issued a waiver regarding, among other things, the use of electric generators at industrial or institutional facilities, to help fill those facilities' need for electricity and thus support PREPA's ability to provide electricity to residences and businesses in its service area. Specifically, the Puerto Rico Department of Natural and Environmental Resources (DNER) waived compliance with state law requirements limiting electric generators' hours of operation and fuel consumption, where the limits are exceeded due to the ongoing emergency.

The U.S. Environmental Protection Agency has determined that issuance of this NAA is necessary to further enable PREPA to supply electricity to residential and business customers. This NAA only addresses one portion of PREPA's initial NAA request; as PREPA's original request for NAA covers multiple units in varying operating circumstances. After discussions with counsel for PREPA the EPA has determined that the most appropriate way to timely address the requested action is to issue this NAA covering a subset of the units identified in the January 14, 2020 request. This NAA addresses permit provisions and requirements of law for 24 existing internal combustion engines listed in the attached

Table 1 serving the following facilities: Aguirre, San Juan, Palo Seco, Costa Sur, Mayaguez, Cambalache, Daguao, Yabucoa, and Jobos. These engines are being used for purposes such as support for auxiliary equipment and the facility complexes, and to assist the primary generating units in startup.

The EPA has determined that issuing anNAA, as detailed below, is in the public interest given the conditions in Puerto Rico. Through the issuance of this NAA, the EPA is continuing its commitment to address the very difficult circumstances caused by recent earthquakes.

Nothing in this exercise of enforcement discretion relieves any person of the obligation under law, if any, to report emissions from the operation of equipment covered by this action. Pursuant to this NAA, the EPA will not enforce violations, for each internal combustion engine listed in Table 1, of the 500-hour annual engine operating limit (whether measured on a per-year or on a per-12-consecutive-month-period) in the relevant facility's Title V permit or other federally enforceable permit issued pursuant to Puerto Rico's approved State Implementation Plan.

This NAA is subject to the following conditions:

1. In calculating the total annual operating hours for a year that includes the NAA, PREPA may exclude the days it operates pursuant to the NAA;
2. To the best of its ability, while the NAA is in effect PREPA reports hours of operation for the 365 days prior to this NAA as required by its permits or any applicable regulations;
3. PREPA complies with all conditions imposed by territory or local authorities on these emergency operations;
4. PREPA complies with all other conditions related to these ICE in its Title V permits and in applicable regulations;
5. PREPA must comply with all applicable provisions of 40 C.F.R. Part 60, Subparts IIII and JJJJ and/or 40 C.F.R. Part 63, Subpart ZZZZ; and
6. PREPA maintains records documenting the hours of operation of each ICE while the NAA remains in effect.

PREPA must submit a report to the EPA within two weeks of the termination of the NAA containing the following information:

1. The name, address, and contact information for the person submitting the report;
2. A description of the total hours of operation and total fuel used for each covered ICE during the period this NAA is in effect; and
3. A description of how the energy was used, including any benefits provided to the public.

The report referenced above must be sent by email to Gregory Fried, Chief, Stationary Source Enforcement Branch, within EPA's Air Enforcement Division, at fried.gregory@epa.gov. The report must be in portable document format (PDF) and be clearly labeled as "Report for PREPA ICE NAA." Where the information for these reports is not available due to the emergency circumstances, the EPA would accept instead an explanation of those circumstances and specifically how they prevented the collection or transmission of that information.

This NAA terminates at 11:59 PM Atlantic Standard Time, on April 30, 2020. The EPA will assess whether an extension to or revision of this NAA is necessary and appropriate. The EPA reserves the right to revoke or modify the NAA if the EPA believes that such action is necessary to protect public health and the environment. This NAA does not apply to any other federal requirements that may apply to regulated activities at this facility other than those listed above. Given PREPA's estimates that Costa Sur could remain offline for up to one year, the EPA intends to use the period of the NAA to discuss and develop with PREPA the appropriate longer-term approach for addressing this situation.

The issuance of an NAA for this period of time is in the public interest. Through today's NAA, the EPA is continuing its commitment to address the very difficult circumstances caused by the recent earthquakes. Nothing in this NAA is intended to over-ride Puerto Rico or local authorities.

Please contact Gregory Fried, Chief, Stationary Source Enforcement Branch, with questions. Mr. Fried can be reached at (202) 564-7016 or fried.gregory@epa.gov.

Sincerely,



Susan Parker Bodine

cc: Peter D. Lopez, Regional Administrator, EPA Region 2

Table 1: Internal Combustion Engines at PREPA Facilities Covered by the NAA

Facility	Internal Combustion Engine(s)
Aguirre	GE-AUX-AG1 GE-CCAM-AG2 GE-PREPANET-AG5 GE-SISTINF-AG6 GE-CICLO-AG7 GE-ADM-AG8
San Juan	GE-AUX-SJ5 GE-AUX-SJ6 GE-AUX-SJ1 GE-AUX-SJ2 GE-GIS-SJ1 GE-TMGN-SJ GE-COM-SJ GE-CCAM-SJ
Palo Seco	GE-PS-1 GE-PS-2 GE-GIS-PS-1
Costa Sur	GE-AUX-CS3-6
Mayaguez	Black start emergency generator
Cambalache	CAMB DG1 CAMB DG2
Daguao	GE-DA-1
Yabucoa	GE-YA-1
Jobos	GE-JOB-1

Exhibit F

Renewable Energy Daily Reports during the restoration of the system in the aftermath of Hurricane Maria.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Monday, December 3, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	N/A	none	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	N/A	none	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	10	TBD	Pre Operation MTR Controls Testing	12/31/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	14	TBD	PV Generation Capacity	12/31/2018
6	Horizon Energy	10 MW PV	Salinas	online - internal testing	5	TBD	Internal Testing Stage	12/10/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	30	TBD	BESS Capacity	12/31/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	online - internal testing	10	TBD	Pre Operation MTR Controls Testing	12/31/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	2.4	N/A	none	N/A
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Thursday, May 3, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	6	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	20	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Redoing MTR Internal Testing at 2 MW	5/4/2018
4	Windmar Cantera Martinó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	offline	0	TBD	Relays sent to manufacturer to repair	5/11/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Internal Testing Stage	5/11/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	5/11/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	RTU Card pending delivery by the facility	5/11/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems -	5/4/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Tuesday, May 8, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	6	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	25	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Redoing MTR Internal Tests at 2 MW - Evaluation of Results	5/11/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	offline	0	TBD	Relays sent to manufacturer to repair	5/11/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Internal Testing Stage	5/11/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	5/11/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	RTU Card pending delivery by the facility	5/11/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems Fiber Optic Cable - Awaiting Payment from Project	5/11/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Thursday, May 10, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	6	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	TBD	Reliability - Frequency Oscillations Problems	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Redoing MTR Internal Tests at 2 MW - Evaluation of Results	5/11/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loiza	offline	0	TBD	Relays sent to manufacturer to repair	5/11/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Internal Testing Stage	5/10/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	5/11/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	RTU Card pending delivery by the facility	5/11/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems Fiber Optic Cable - Awaiting Payment from Project	5/11/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Tuesday, May 15, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	8	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	25	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Internal Tests at 5 MW	6/4/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	offline	0	TBD	Relays sent to manufacturer to repair	5/23/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Communications Problems at Interconnection Switchyard	5/18/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	5/18/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	RTU Card pending delivery by the facility	5/18/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Repairs to the Fiber Optic Cable	5/18/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Tuesday, May 22, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	8	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	25	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Internal Tests at 5 MW	6/4/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	offline	0	TBD	Relays sent to manufacturer to repair	5/23/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Communications Problems at Interconnection Switchyard	5/18/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	5/18/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	RTU Card pending delivery by the facility	5/18/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Repairs to the Fiber Optic Cable	5/18/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Friday, May 25, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	8	TBD	DSM Communication Problem	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	30	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Internal Tests at 5 MW	6/4/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	offline	0	TBD	Communications Problems at PV Facility	5/29/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Communications Infrastructure Problems of Fiber Optic Cable	6/1/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	6/1/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	RTU Card pending delivery by the facility	6/1/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Problems at Facility	6/1/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Wednesday, May 30, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	10	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	30	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Internal Tests at 5 MW	6/4/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	3	TBD	Internal Testing Stage	6/8/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Communications Infrastructure Problems of Fiber Optic Cable	6/8/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	6/1/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	PREPA pending coordination to repair RTU	6/1/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Problems at Facility	6/1/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Sunday, April 1, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level	Full Operation Expected Return	Limiting Factors	Limitations Expected End
1	AES Iluimina	20 MW PV	Guayama	online	2	TBD*	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	5	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability	TBD
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	TBD	none	TBD
5	San Fermin Solar Farm	20 MW PV	Loíza	backfeed power	0	TBD	RTU Signals functionality	TBD
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Substation Report under evaluation	TBD
7	Oriana Energy	45 MW PV	Isabela	backfeed power	0	TBD	Internal Testing / Generation Request	TBD
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	Backfeed power coordination pending	4/2/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 95 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane María and will need considerable repairs/rebuild

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 95 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane María and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Monday, April 2, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	2	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	5	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Internal Testing stage	TBD
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loiza	backfeed power	0	TBD	RTU Signals functionality	TBD
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Substation Test Report under evaluation	TBD
7	Oriana Energy	45 MW PV	Isabela	backfeed power	0	TBD	Internal Testing / Generation Request	TBD
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	Backfeed power coordination pending	4/4/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane María and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Tuesday, April 3, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Internal Testing stage	TBD
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loiza	backfeed power	0	TBD	RTU Signals functionality	TBD
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Substation Test Report under evaluation	TBD
7	Oriana Energy	45 MW PV	Isabela	backfeed power	0	TBD	Internal Testing / Generation Request	4/4/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	Backfeed power coordination pending	4/4/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane Maria and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT
Wednesday, April 4, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Internal Testing stage	TBD
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loiza	backfeed power	0	TBD	RTU Signals functionality	4/5/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Substation Test Report under evaluation by PREPA	TBD
7	Oriana Energy	45 MW PV	Isabela	backfeed power	0	TBD	Internal Testing / Generation Request	4/4/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	Backfeed power coordination pending confirmation by Humacao Solar Project	4/6/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane María and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT
Thursday, April 5, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Internal Testing stage	TBD
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loiza	backfeed power	0	TBD	RTU Signals functionality	4/5/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Substation Test Report under evaluation by PREPA	TBD
7	Oriana Energy	45 MW PV	Isabela	backfeed power	0	TBD	Internal Testing / Generation Request	4/4/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	Backfeed power coordination pending confirmation by Humacao Solar Project	4/6/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane María and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT
Monday, April 9, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Internal Testing Request to 5 MW	TBD
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	backfeed power	0	TBD	RTU Signals functionality	4/13/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Backfeed power coordination pending confirmation by Horizon Energy	TBD
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	4/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	backfeed power	0	TBD	Internal Testing	TBD
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane Maria and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Monday, April 9, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Internal Testing Request to 5 MW	TBD
4	Windmar Cantera Martinó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	backfeed power	0	TBD	RTU Signals functionality	4/13/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Backfeed power coordination pending confirmation by Horizon Energy	TBD
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	4/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	backfeed power	0	TBD	Internal Testing	TBD
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane Maria and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Tuesday, April 10, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Redoing Internal Testing at 2 MW	4/13/2018
4	Windmar Cantera Martinó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	backfeed power	0	TBD	RTU Signals functionality	4/13/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Backfeed power coordination pending confirmation by Horizon Energy	TBD
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	4/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	backfeed power	0	TBD	Internal Testing	TBD
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane Maria and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT
Wednesday, April 11, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Redoing Internal Testing at 2 MW	4/13/2018
4	Windmar Cantera Martinó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	backfeed power	0	TBD	RTU Signals functionality	4/13/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Backfeed power coordination pending confirmation by Horizon Energy	TBD
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	4/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	backfeed power	0	TBD	Internal Testing	TBD
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane Maria and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Thursday, April 12, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	15	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Reliability & Redoing Internal Testing at 2 MW	4/13/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	backfeed power	0	TBD	RTU Signals functionality	4/13/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Backfeed power coordination pending confirmation by Horizon Energy	4/13/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	4/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	backfeed power	0	TBD	Internal Testing	TBD
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane Maria and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Friday, April 13, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	15	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Redoing Internal Testing at 2 MW	4/13/2018
4	Windmar Cantera Martinó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	backfeed power	0	TBD	RTU Signals functionality	4/13/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Backfeed power coordination pending confirmation by Horizon Energy	4/13/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	4/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	backfeed power	0	TBD	Internal Testing	TBD
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	backfeed power	0	TBD	PPOA Amendment pending	TBD
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane Maria and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Friday, April 20, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	15	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Redoing Internal Testing at 2 MW	4/27/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	backfeed power	0	TBD	RTU Signals functionality	4/27/2018
6	Horizon Energy	10 MW PV	Salinas	offline	0	TBD	Backfeed power coordination	4/24/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	4/30/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	backfeed power	0	TBD	Internal Testing	TBD
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems	4/30/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online	2.4	N/A	PPOA Amendment pending	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Punta Lima Wind Farm: The facility was severely impacted by hurricane Maria and will need considerable repairs/rebuild

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Friday, April 27, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	15	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	2	TBD	Redoing Internal Testing at 2 MW	5/4/2018
4	Windmar Cantera Martinó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	offline	0	TBD	Relays sent to manufacturer to repair	5/4/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Internal Testing Stage	5/4/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	2	TBD	Internal Testing Stage	5/4/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	SCADA Signals Malfunction / RTU verification	4/30/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Infrastructure Problems -	5/1/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements

2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild

3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Friday, July 6, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	TBD	none	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	TBD	none	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Internal Tests Evaluation at 5 MW	7/13/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	7	TBD	Internal Testing Stage	7/13/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Communications Problems at PV Facility	7/10/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	10	TBD	Internal Testing Stage	7/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	2	TBD	Equipment Internal Testing Stage	7/13/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	2.4	TBD	none	N/A
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Thursday, July 12, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	TBD	none	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	TBD	none	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Internal Tests Evaluation at 5 MW	7/13/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	7	TBD	Internal Testing Stage	7/13/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Communications Problems at PV Facility	7/10/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	10	TBD	Internal Testing Stage	7/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	2	TBD	Equipment Internal Testing Stage	7/13/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	2.4	TBD	none	N/A
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Friday, July 20, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	TBD	none	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	TBD	none	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	10	TBD	MTR Internal Tests at 10 MW	7/27/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	8	TBD	Internal Testing Stage	7/27/2018
6	Horizon Energy	10 MW PV	Salinas	online - internal testing	2	TBD	Internal Testing Stage	7/10/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	10	TBD	Internal Testing Stage	7/13/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	online - internal testing	2	TBD	Equipment Internal Testing Stage	7/13/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	2.4	TBD	none	N/A
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Friday, July 27, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	N/A	none	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	N/A	none	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Controls Fine Tuning at 5MW	7/31/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	8	TBD	Non Compliance MTR controls	8/3/2018
6	Horizon Energy	10 MW PV	Salinas	online - internal testing	2	TBD	Internal Testing Stage	8/3/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	10	TBD	Internal Testing Stage	8/3/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	online - internal testing	2	TBD	Equipment Internal Testing Stage	8/3/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	2.4	N/A	none	N/A
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES

Monday, June 10, 2019

	Facility	Techonolgy	Location	Capacity (MW)
1	AES Ilumina	20 MW PV	Guayama	20
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	75
3	Windmar Cantera Martinó	2.1 MW PV	Ponce	2.1
4	San Fermín Solar Farm	20 MW PV	Loíza	7
5	Horizon Energy	10 MW PV	Salinas	0
6	Oriana Energy	45 MW PV ²	Isabela	10
7	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	2.4
8	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	2.4
9	Coto Laurel Solar Farm	10 MW PV	Ponce	5
10	Humacao Solar Project	30 MW PV ³	Humacao	2
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	0

Notes:

- 1 Pattern Santa Isabel: The Power Purchase and Operating Agreement establishes that during certain periods during the year it may exp project is limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Oriana: The Power Purchase and Operating Agreement establishes a capacity generation of 45 MW. At this moment, Oriana can expor to problems with the compliance of minimum technical requirements after hurricane María.
- 3 Humacao Solar Project: The Power Purchase and Operating Agreement establishes a capacity generation of 40 MW. At this moment, f operation stage and is performing internal testing at 30 MW .

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Thursday, June 14, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	12	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	40	TBD	Reliability	TBD
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Internal Tests at 5 MW	6/22/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	3	TBD	Internal Testing Stage	6/22/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	Communications Infrastructure Problems of Fiber Optic Cable	6/15/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	5	TBD	Internal Testing Stage	6/12/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	offline	0	TBD	PREPA pending coordination to repair RTU	6/8/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Communications Problems at Facility	6/15/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Thursday, June 21, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	14	TBD	Reliability	TBD
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	N/A	None	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	5	TBD	MTR Internal Tests at 5 MW	6/29/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	3	TBD	Internal Testing Stage	6/29/2018
6	Horizon Energy	10 MW PV	Salinas	backfeed power	0	TBD	SCADA Signal Problems	6/29/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	5	TBD	SCADA signals functionality	6/26/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	backfeed power	0	TBD	Communication Problem / Pending Fonroche's Contractor Coordination	6/29/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	0	TBD	Pending Disturbance Report	6/22/2018
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Monday, March 4, 2019

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	N/A	none	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	N/A	none	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - MTR testing	10	TBD	Official MTR Testing	4/30/2019
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	20	TBD	none	N/A
6	Horizon Energy	10 MW PV	Salinas	online - internal testing	10	TBD	Internal Testing Stage	12/10/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	30	TBD	BESS Capacity	12/31/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	online - internal testing	20	TBD	Pre Operation MTR Controls Testing	4/30/2019
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	online	2.4	N/A	none	N/A
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	7/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Wednesday, September 5, 2018

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	N/A	none	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	N/A	none	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online - internal testing	10	TBD	Pre Operation MTR Controls Testing	9/19/2018
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	8	TBD	Non Compliance MTR controls	9/21/2018
6	Horizon Energy	10 MW PV	Salinas	online - internal testing	5	TBD	Internal Testing Stage	9/13/2018
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	10	TBD	Internal Testing Stage	9/7/2018
8	Humacao Solar Project	20 MW PV ²	Humacao	online - internal testing	2	TBD	Equipment Internal Testing Stage	9/13/2018
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	backfeed power	2.4	N/A	none	N/A
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	4/1/2019

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Phase 1 (20 MW) was in internal testing and phase 2 (20 MW) under construction before the hurricanes; phase 2 received substantial damage and will need significant repairs/rebuild
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

Exhibit G

Renewable Energy Daily Reports during the restoration of the system in the aftermath of the January 7, 2020 Earthquake.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Monday, January 6, 2020

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	N/A	none	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	N/A	none	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online	10	TBD	MTR testing completed	N/A
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	none	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	20	TBD	none	N/A
6	Horizon Energy	10 MW PV	Salinas	online	10	TBD	none	N/A
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	35	TBD	MTR Control Testing	1/31/2020
8	Humacao Solar Project	40 MW PV ²	Humacao	online - internal testing	30	TBD	Pre Operation MTR Controls Testing	3/30/2020
9	Landfill Gas Technologies - Fajardo	2.4 MW Landfill Gas	Fajardo	online	2.4	N/A	none	N/A
10	Landfill Gas Technologies - Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	none	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Wind Farm Reconstruction	TBD

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Facility was available for 30 MW after hurricane and prior to the earthquake event.
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Tuesday, January 7, 2020

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	0	N/A	Reliability	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	0	N/A	Reliability	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online	0	TBD	Reliability	N/A
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	0	N/A	Reliability	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	0	TBD	Reliability	N/A
6	Horizon Energy	10 MW PV	Salinas	online	0	TBD	Reliability	N/A
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	0	TBD	Reliability	1/31/2020
8	Humacao Solar Project	40 MW PV ²	Humacao	online - internal testing	0	TBD	Reliability	3/30/2020
9	Landfill Gas Technologies Fajardo	2.4 MW Landfill Gas	Fajardo	online	0	N/A	Reliability	N/A
10	Landfill Gas Technologies Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	0	N/A	Reliability	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Reliability	TBD

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Facility was available for 30 MW after hurricane and prior to the earthquake event.
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Wednesday, January 8, 2020

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	N/A	Reliability	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	0	N/A	Reliability	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online	0	TBD	Reliability	N/A
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	0	N/A	Reliability	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	0	TBD	Reliability	N/A
6	Horizon Energy	10 MW PV	Salinas	online	0	TBD	Reliability	N/A
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	0	TBD	Reliability	1/31/2020
8	Humacao Solar Project	40 MW PV ²	Humacao	online - internal testing	0	TBD	Reliability	3/30/2020
9	Landfill Gas Technologies Fajardo	2.4 MW Landfill Gas	Fajardo	online	0	N/A	Reliability	N/A
10	Landfill Gas Technologies Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	0	N/A	Reliability	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Reliability	TBD

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Facility was available for 30 MW after hurricane and prior to the earthquake event.
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Thursday, January 9, 2020

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	N/A	Reliability	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	0	N/A	Reliability	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online	0	TBD	Reliability	N/A
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	0	N/A	Reliability	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	0	TBD	Reliability	N/A
6	Horizon Energy	10 MW PV	Salinas	online	0	TBD	Reliability	N/A
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	0	TBD	Reliability	1/31/2020
8	Humacao Solar Project	40 MW PV ²	Humacao	online - internal testing	0	TBD	Reliability	3/30/2020
9	Landfill Gas Technologies Fajardo	2.4 MW Landfill Gas	Fajardo	online	0	N/A	Reliability	N/A
10	Landfill Gas Technologies Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	0	N/A	Reliability	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Reliability	TBD

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Facility was available for 30 MW after hurricane and prior to the earthquake event.
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Friday, January 10, 2020

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	4	N/A	Reliability	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	10	N/A	Reliability	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online	2	TBD	Reliability	N/A
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	Reliability	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	4	TBD	Reliability	N/A
6	Horizon Energy	10 MW PV	Salinas	online	2	TBD	Reliability	N/A
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	0	TBD	Communications Problems	1/31/2020
8	Humacao Solar Project	40 MW PV ²	Humacao	online - internal testing	6	TBD	Reliability	3/30/2020
9	Landfill Gas Technologies Fajardo	2.4 MW Landfill Gas	Fajardo	online	0	N/A	Interconnection Problems	N/A
10	Landfill Gas Technologies Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	0	N/A	Interconnection Problems	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Reliability	TBD

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Facility was available for 30 MW after hurricane and prior to the earthquake event.
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Sunday, January 12, 2020

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	12	N/A	Reliability	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	45	N/A	Reliability	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online	6	TBD	Reliability	N/A
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	Reliability	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	12	TBD	Reliability	N/A
6	Horizon Energy	10 MW PV	Salinas	online	6	TBD	Reliability	N/A
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	30	TBD	Reliability	1/31/2020
8	Humacao Solar Project	40 MW PV ²	Humacao	online - internal testing	18	TBD	Internal MTR Controls Testing	3/30/2020
9	Landfill Gas Technologies Fajardo	2.4 MW Landfill Gas	Fajardo	online	2.4	N/A	N/A	N/A
10	Landfill Gas Technologies Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	N/A	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Reliability	TBD

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Facility was available for 30 MW after hurricane and prior to the earthquake event.
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

RENEWABLE ENERGY GENERATING FACILITIES DAILY STATUS REPORT

Monday, January 13, 2020

	Facility	Capacity Technology	Location	Facility Condition	Operation Level (MW)	Full Operation Expected Return *	Limiting Factors	Limitations Expected End *
1	AES Ilumina	20 MW PV	Guayama	online	20	N/A	Reliability	N/A
2	Pattern Santa Isabel	75 MW Wind ¹	Santa Isabel	online	75	N/A	Reliability	N/A
3	Coto Laurel Solar Farm	10 MW PV	Ponce	online	10	TBD	Reliability	N/A
4	Windmar Cantera Martínó	2.1 MW PV	Ponce	online	2.1	N/A	Reliability	N/A
5	San Fermín Solar Farm	20 MW PV	Loíza	online	20	TBD	Reliability	N/A
6	Horizon Energy	10 MW PV	Salinas	online	10	TBD	Reliability	N/A
7	Oriana Energy	45 MW PV	Isabela	online - internal testing	35	TBD	Communications Problems	1/31/2020
8	Humacao Solar Project	40 MW PV ²	Humacao	online - internal testing	30	TBD	Internal MTR Controls Testing	3/30/2020
9	Landfill Gas Technologies Fajardo	2.4 MW Landfill Gas	Fajardo	online	2.4	N/A	N/A	N/A
10	Landfill Gas Technologies Toa Baja	2.4 MW Landfill Gas	Toa Baja	online / PPOA Amendment Pending ³	2.4	N/A	N/A	N/A
11	Punta Lima Wind Farm	26 MW Wind	Naguabo	offline	0	TBD	Reliability	TBD

* - To be Discussed

Notes:

- 1 Pattern Santa Isabel: the contract establishes that during certain periods during the year it may export up to 95 MW; before the hurricanes it was limited to 75 MW due to technical issues with the facility's compliance with technical requirements
- 2 Humacao Solar Project: Facility was available for 30 MW after hurricane and prior to the earthquake event.
- 3 Landfill Gas Technologies - Toa Baja: Although the project approved the MTR tests on July 21, 2017, PREPA has not given the COD. As per the PPOA, the project had till December 2017 to receive the COD.

CERTIFICATE OF SERVICE

It is hereby certified that, on this same date I have filed the above motion using the Energy Bureau's Electronic Filing System, at the following address: <http://radicacion.energia.pr.gov> and that a courtesy copy of the filing was sent via e-mail to: sierra@arctas.com; tonytorres2366@gmail.com; cfl@mcvpr.com; gnr@mcvpr.com; info@liga.coop; amaneser2020@gmail.com; hriviera@oipc.pr.gov; jrivera@cnslpr.com; carlos.reyes@ecoelectrica.com; ccf@tcmrslaw.com; manuelgabrielfernandez@gmail.com; acarbo@edf.org; pedrosaade5@gmail.com; rmurthy@earthjustice.org; rstgo2@gmail.com; larroyo@earthjustice.org; jluebkmann@earthjustice.org; acasellas@amgprlaw.com; loliver@amgprlaw.com; epo@amgprlaw.com; robert.berezin@weil.com; marcia.goldstein@weil.com; jonathan.polkes@weil.com; gregory.silbert@weil.com; agraitfe@agraitlawpr.com; maortiz@lvprlaw.com; rnegron@dnlawpr.com; castrodieppalaw@gmail.com; voxpopulix@gmail.com; paul.demoudt@shell.com; javier.ruajovet@sunrun.com; escott@ferraiuoli.com; SProctor@huntonak.com; GiaCribbs@huntonak.com; mgrpcorp@gmail.com; aconer.pr@gmail.com; axel.colon@aes.com; rtorbert@rmi.org; apagan@mpmlawpr.com; sboxerman@sidley.com; bmundel@sidley.com.

In San Juan, Puerto Rico, this 12th day of March 2020.

s/ Katiuska Bolaños
Katiuska Bolaños