

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

NEPR

Received:

Jul 18, 2022

10:40 PM

IN RE: INTERRUPCIÓN DE SERVICIO
ELÉCTRICO DE 6 DE ABRIL DE 2022

CASE NO. NEPR-IN-2022-0002

SUBJECT:

**Submission in Compliance with Request
for Information on April 6th Incident and
Third Updated Report, and Request for
Confidential Treatment**

**MOTION TO SUBMIT THIRD UPDATED REPORT AND REQUEST FOR
CONFIDENTIAL TREATMENT**

TO THE HONORABLE PUERTO RICO ENERGY BUREAU:

COME now **LUMA Energy, LLC** (“ManagementCo”) and **LUMA Energy ServCo, LLC** (“ServCo”) (jointly referred to as the “Operator” or “LUMA”), and respectfully state and request the following¹:

1. On April 6th 2022, a failure in the electric system led to a fire at the Costa Sur transmission substation, which resulted in a power outage of the entire electrical system (hereinafter, the “April 6th Incident”).

2. On April 8th 2022, this Honorable Puerto Rico Energy Bureau (“Energy Bureau”) issued a Resolution and Order whereby it initiated an investigation of the April 6th Incident (“April 8th Order”).

3. On April 12th, 2022, in compliance with the April 8th Order, LUMA submitted the Preliminary Report of the April 6th Incident. The Preliminary Report included the information that

¹ Capitalized terms not defined herein shall have the meaning ascribed to them in LUMA’s *Motion to Submit Second Updated Report, Public Executive Summary, Documents and Information in Response to Request for Information, And Request for Confidential Treatment*, filed in this Energy Bureau on May 9th, 2022.

LUMA had gathered thus far, preliminary findings and assessments of the April 6th Incident, and a summary of the corrective actions taken by LUMA.

4. On April 14th, 2022, to aid the Energy Bureau in its investigation and supplement the Preliminary Report, LUMA filed a *Motion to Supplement Preliminary Report on April 6th Incident*. Therein, LUMA submitted two (2) video recordings, including a screen camera from the Costa Sur transmission substation, which shows the moment of the explosion, and an aerial view video recorded the morning after the April 6th Incident.

5. On April 18th, 2022, in compliance with the April 8th Order, LUMA filed an Updated Report of the April 6th Incident, which provided an update on the following topics:

- i. Overview of third-party industry expert hired to assist with analysis;
- ii. Outage investigation update and proactive maintenance plan/strategy;
- iii. System analysis update including adding dynamic stability analysis into model; and
- iv. Ongoing restoration activities at Costa Sur.

6. On April 22nd, 2022, the Energy Bureau issued a Resolution and Order instructing LUMA and PREPA to submit, on or before May 6th, 2022, at noon, certain documents and information in connection with the April 6th Incident. The Energy Bureau also required LUMA and PREPA to include a sworn statement stating that the documents produced are exact copies of the original documents and that the information provided is true and correct (“April 22nd Order”).

7. After seeking an extension of time, on May 9th, 2022, LUMA submitted all documents, and information in its possession and control, which were responsive to the Energy Bureau’s request for documents and information, and included a sworn statement signed by Darrell Wilver LUMA’s Director of Asset Management, stating that the documents produced were exact

copies of the original documents and that the information provided was true and correct. Further, LUMA also submitted a Second Updated Report of the April 6th Incident, which provided an update on the schedule and status of investigation.

8. As stated by LUMA in previous reports, large-scale events like the April 6th Incident are uncommon. The significant outage event deeply frustrated and impacted many of LUMA's customers. LUMA, in its role as the operator of the transmission and distribution system, believes it is critical that a transparent and scientific investigatory process is followed to protect the integrity of the analysis and credibility of any conclusions. Multiple steps need to occur as part of this investigatory process in order to understand the event in its entirety and to reduce the probability of such events occurring in the future.

9. Dynamic system simulations are necessary analysis tools to assess the electric system's response to various conditions impacting the system which could lead to a massive power outage. For outage event investigations, dynamic simulations are necessary to understand how a failure of system components caused the broader issues across the system and critical for recommending future actions to mitigate the impact on the overall system. To LUMA's knowledge, dynamic analysis was not conducted under the previous operator with accurate generating units responses from power plants in Puerto Rico during large scale outages. Therefore, LUMA has embarked on an effort to update and improve the dynamic model to the extent possible.

10. Accordingly, LUMA hereby submits a document entitled "*Analysis of Costa Sur April 6th, 2022, Event Related to Transmission Reliability and Critical Infrastructure Dynamic Analysis*", which includes dynamic model developments and updates in connection with the April 6th Incident (the "Third Updated Report").

11. Considering that Section 15.10 of Regulation No. 8543 allows for the release to the public of information after an investigation has concluded, LUMA respectfully submits that the Third Updated Report should be designated as confidential material that should be protected from disclosure after the investigation of the April 6th Incident concludes. The Third Updated Report is protected from disclosure as CEII, *see e.g.*, 6 U.S.C. §§ 671-674; 18 C.F.R. §388.113 (2020), and pursuant to the Bureau's Policy on Management of Confidential Information. *See* Energy Bureau's Policy on Management of Confidential Information, CEPR-MI-2016-0009, issued on August 31, 2016, as amended by Resolution dated September 16, 2016.

12. Under separate cover and expediently, within the next ten days, as allowed by Section A.2 of the Energy Bureau's Policy on Management of Confidential Information, LUMA will submit a memorandum of law in support of this request to file the Third Updated Report of the April 6th Incident under seal of confidentiality.

WHEREFORE, LUMA respectfully requests that the Energy Bureau **take notice** of the aforementioned and **accept and treat confidentially** the Third Updated Report of the April 6th Incident that is being filed as Exhibit 1 to this Motion

RESPECTFULLY SUBMITTED.

We hereby certify that we filed this Motion using the electronic filing system of this Energy Bureau and that we will send an electronic copy of this Motion to the attorney for PREPA, Bolaños-Lugo, kbolanos@diazvaz.law.

In San Juan, Puerto Rico, this 18th day of July 2022.



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Exhibit 1

**Confidential - Analysis of Costa Sur April 6th, 2022,
Event Related to Transmission Reliability and Critical Infrastructure Dynamic Analysis**