

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

IN RE: April 16, 2025 Bluesky Total
Blackout Even

CASE NO.: NEPR-IN-2025-0003

SUBJECT: Initiation of Investigation –
Preliminary Outage Report

RESOLUTION AND ORDER

I. April 16, 2025 Bluesky Total Blackout

At approximately 12:38 p.m. on April 16, 2025, a system-wide power outage occurred, resulting in an island-wide blackout ("Event"). The Event was not triggered by adverse weather conditions. The fact that the Event happened under clear weather conditions—commonly called "Bluesky" events—raises serious concerns, especially given similar large-scale blackouts that occurred on April 6, 2022, and December 31, 2024.

The Energy Bureau of the Puerto Rico Public Service Regulatory Board ("Energy Bureau") has previously investigated similar events and issued specific recommendations to LUMA¹. Following the April 6, 2022, blackout, the Energy Bureau adopted recommendations from the Electric Power Research Institute ("EPRI") directing LUMA to revise system protection settings to ensure that load is shed quickly and proportionally in response to frequency declines.

II. Initiation of Investigation

The Energy Bureau is the regulator charged with overseeing the execution and implementation of the Puerto Rico Energy Public Policy.² According to Act 57-2014, the Energy Bureau is in charge of, among other duties, establishing and implementing the regulatory actions to guarantee the capabilities, reliability, security, and efficiency of the electric system in Puerto Rico. The Energy Bureau has jurisdiction and ample authority to investigate any matter related to compliance with the laws that apply to the enforcement of the energy public policy.³ The energy public policy establishes that every consumer has the right to a reliable, stable, and excellent electric power service.⁴

The Energy Bureau, in the discharge of its duties and oversight functions, **INITIATES** this investigation of LUMA maintenance and operation of the transmission and distribution systems pursuant to Section 6.3 of Act 57-2014 and Section XV of Regulation 8543.⁵ The purpose of this investigation is to conduct an exhaustive analysis of the continuous failures of the transmission and distribution systems. EPRI is taking the technical lead for the Energy Bureau in this effort.

¹ LUMA Energy LLC and LUMA Energy ServCo LLC ("jointly referred as "LUMA").

² See, Act 57-2014, as amended, known as *Puerto Rico Energy Transformation and RELIEF Act*, as amended ("Act 57-2014") and Act 17-2019, known as *Puerto Rico Energy Public Policy Act* ("Act 17-2019").

³ Section 6.24(e) of Act 57-2014.

⁴ Section 1.5 10(a) of Act 17-2019.

⁵ *Regulation on Adjudicative, Notice of Noncompliance, Rate Review and Investigation Proceedings*, Regulation 8543, December 18, 2014, ("Regulation 8543").



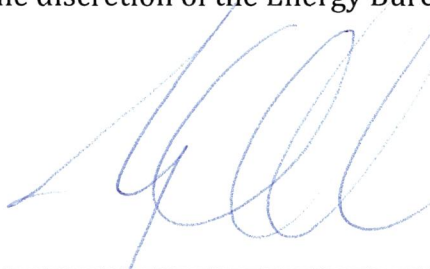
III. Preliminary Outage Report

The Energy Bureau **ORDERS** LUMA, on or before April 24, 2025, to provide a preliminary outage report of the cause of the Event. Following the submission, the Energy Bureau will issue a formal Requirement of Information that includes a detailed Root Cause Analysis of the Event.


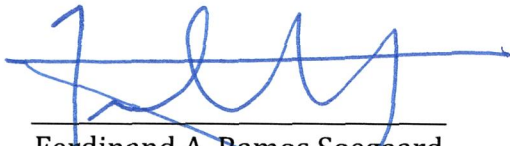
The Energy Bureau **WARNS** LUMA that, in accordance Art. 6.36 of Act 57-2014:⁶

- (i) noncompliance with this Resolution and Order, regulations and/or applicable laws may carry the imposition of fines and administrative sanctions of up to one hundred twenty-five thousand dollars (\$125,000) per day; and
- (ii) for any recurrence of non-compliance or violation, the established penalty shall increase to a fine of not less than fifteen thousand dollars (\$15,000) nor greater than two hundred fifty thousand dollars (\$250,000), at the discretion of the Energy Bureau.

Be it notified and published.



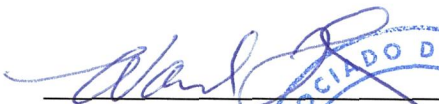

Edison Avilés Deliz
Chairman


Lillian Mateo Santos
Associate Commissioner
Ferdinand A. Ramos Soegaard
Associate Commissioner
Sylvia B. Ugarte Araujo
Associate Commissioner
Antonio Torres Miranda
Associate Commissioner

CERTIFICATION

I certify that the majority of the members of the Puerto Rico Energy Bureau has so agreed on April 22, 2025. I also certify that on April 22, 2025 a copy of this Resolution and Order was notified by electronic mail to the following: mario.hurtado@lumapr.com; legal@lumapr.com; PREBorders@lumapr.com. I also certify that today, April 22, 2025, I have proceeded with the filing of the Resolution and Order issued by the Puerto Rico Energy Bureau.

I sign this in San Juan, Puerto Rico, today April 22, 2025.


Wanda I. Cordero Morales
Interim Clerk


⁶ Known as the Puerto Rico Energy Transformation and RELIEF Act, as amended (“Act 57-2014”).