

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

**NEPR**

**Received:**

**Apr 19, 2022**

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**IN RE:**

IMPLEMENTATION OF THE PUERTO  
RICO ELECTRIC POWER AUTHORITY  
INTEGRATED RESOURCE PLAN AND  
MODIFIED ACTION PLAN

**CASE NO. NEPR-MI-2020-0012**

**SUBJECT: Motion Submitting Partial Response and  
Requesting Brief Extension to Submit LUMA's Full  
Answers to Questions 6 and 7 in Energy Bureau's  
Resolution and Order of April 11, 2022**

**MOTION SUBMITTING PARTIAL RESPONSE AND REQUESTING BRIEF  
EXTENSION TO SUBMIT LUMA'S FULL ANSWERS TO QUESTIONS 6 AND 7 IN  
ENERGY BUREAU'S RESOLUTION AND ORDER OF APRIL 11, 2022.**

**TO THE PUERTO RICO ENERGY BUREAU:**

**COME NOW LUMA Energy ServCo, LLC and LUMA Energy, LLC** (collectively "LUMA"), through the undersigned legal counsel, and respectfully submit the following:

1. On April 11, 2022, this honorable Puerto Rico Energy Bureau of the Public Service Regulatory Board (the "Energy Bureau"), issued a Resolution and Order (the "April 11<sup>th</sup> Order") in connection with the Tranche 1 renewable energy and battery storage procurement ("Tranche 1 Procurement") conducted by the Puerto Rico Electric Power Authority ("PREPA").

2. In the April 11<sup>th</sup> Order, the Energy Bureau orders PREPA and LUMA to, on or before April 19, 2022, answer specified questions included in a list of questions set forth in the April 11<sup>th</sup> Order, numbered 1 through 7, relating to certain aspects of the Tranche 1 Procurement submittals from respondents and PREPA's evaluation of those submittals<sup>1</sup>.

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<sup>1</sup> These are subjects that, according to the April 11<sup>th</sup> Order, were discussed between the Energy Bureau and PREPA in a meeting they had on February 3, 2022, and with respect to which PREPA indicated its willingness to provide additional information. See April 11<sup>th</sup> Order at p. 1.

3. Specifically, from among the questions set forth in the April 11<sup>th</sup> Order, the Energy Bureau ordered PREPA to respond to those numbered 1 through 5, including subparts, and LUMA, as operator of the Transmission and Distribution System, to answer those numbered 6 and 7, including subparts (“Question 6” and “Question 7”, respectively). *See id.*

4. Question 6 is made in reference to “information received [by PREPA] from prospective battery storage respondents about technical details of minimum technical requirements (MTR) about the ancillary service capabilities and response times for certain energy battery resources” (*see id.* at p. 3), which information is included in an Informative Motion filed by PREPA with the Energy Bureau on February 10, 2022 (*see id.* at footnote 8)<sup>2</sup> (“February 10<sup>th</sup> Informative Motion”). Subpart (a) of Question 7 is made in reference to certain LUMA concerns regarding interconnection agreements (*see id.* at p. 3) as expressed by PREPA in an Informative Motion filed by PREPA with the Energy Bureau on March 1, 2022 (*see id.* at footnote 9)<sup>3</sup> (“March 1 Informative Motion”). Both the February 10<sup>th</sup> and March 1 Informative Motions (collectively, the “Informative Motions”) were submitted by PREPA to the Energy Bureau under request for confidential treatment, which request is pending determination from the Energy Bureau. *See id.*

5. Shortly after receiving the April 11<sup>th</sup> Order, LUMA searched for the Informative Motions, but only found the courtesy copies provided by PREPA of the two Memoranda of Law

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<sup>2</sup> Footnote 8 makes reference to an Informative Motion Regarding Status of BESS Proposal Evaluations, VPP Proposal Negotiations and Interconnection Study Timeline, Including Exhibits A-I, A-II, and A-III, *In re: Implementation of the Puerto Rico Electric Power Authority Integrated Resource Plan and Modified Action Plan*, Case No. NEPR-MI-2020-0012, February 10, 2022.

<sup>3</sup> Footnote 9 makes reference to an Informative Motion Regarding Status of Contract Negotiations and Delays in Finalizing Form of Interconnection Agreement, *In re: Implementation of the Puerto Rico Electric Power Authority Integrated Resource Plan and Modified Action Plan*, Case No. NEPR-MI-2020-0012, March 1, 2022. *See id.* at footnotes 9 and 6.

filed by PREPA, each submitting the respective Informative Motions as an Attachment or Exhibit and requesting confidential treatment thereof.<sup>4</sup> However, these courtesy copies did not include the Attachment or Exhibit that was to contain each Informative Motion. Therefore, on April 13, 2022, LUMA's counsel requested PREPA's counsel, via electronic correspondence, a copy of these confidential exhibits. However, due to the intervening Easter holiday break, LUMA did not receive these documents from PREPA until April 18, 2022.

6. Due to this unexpected delay outside of LUMA's control, LUMA was left with one day to review and analyze the Informative Motions in order to prepare complete responses to Questions 6 and 7. LUMA respectfully submits that this period is insufficient to appropriately review the provided materials and fully respond to these Questions. Therefore, LUMA respectfully requests this honorable Energy Bureau to provide LUMA a brief extension until April 29, 2022, to submit its complete answers to Questions 6 and 7 of the April 11<sup>th</sup> Order.

7. Without waiving LUMA's request for extension herein, LUMA has prepared partial responses to Questions 6 and 7, including a full response to subpart (b) of Question 7, which are included in Exhibit 1 to this Motion. LUMA reserves the right to further expand upon or revise these partial answers based on its review of the Informative Motions, which full and final responses will be submitted on or before April 29, 2022.

**WHEREFORE**, LUMA respectfully requests the Energy Bureau to **take notice** of the aforementioned, **grant** LUMA's request for an extension until April 29, 2022 to submit full

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<sup>4</sup> See Memorandum of Law in Support of Request for Confidential Treatment of Attachment A filed by PREPA on February 10, 2022 and Memorandum of Law in Support for Request for Confidential Treatment of Attachment A filed by PREPA on March 1, 2022.

answers to Questions 6 and 7 of the April 11<sup>th</sup> Order and, in the meantime, **accept** the attached partial answers to Questions 6 and 7 of the April 11<sup>th</sup> Order contained in **Exhibit 1** of this Motion.

**RESPECTFULLY SUBMITTED.**

In San Juan, Puerto Rico, this 19<sup>th</sup> day of April 2022.

We hereby certify that we filed this motion using the electronic filing system of this Puerto Rico Energy Bureau and that copy of this motion was notified to PREPA counsel [mvazquez@diazvaz.law](mailto:mvazquez@diazvaz.law) and [kbolanos@diazvaz.law](mailto:kbolanos@diazvaz.law).



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Exhibit 1

*Partial Answers to Questions 6 and 7 in April 11<sup>th</sup> Order*



# LUMA Response to the Energy Bureau's Questions on Renewable Procurement

NEPR-MI-2020-0012

April 19, 2022

# 1. Request for Extension

LUMA did not have access to the documents referenced in Questions 6 and 7 until April 18, 2022. Therefore, LUMA has requested the Energy Bureau to allow LUMA until April 29<sup>th</sup> to review this additional information and provide a more informed response to these questions.

Without waiving the aforementioned request for extension, LUMA is providing the following partial responses to these questions (except for subpart (b) of Question 7 which is a full response), which LUMA will expand upon or revise once it has had the opportunity to complete its review of the mentioned additional information.

## 2. Response to Questions in Resolution and Order of April 11<sup>th</sup>, 2022

### 2.1 Question 6

#### QUESTION

PREPA received information from prospective battery energy storage respondents about technical details of minimum technical requirements (MTR) and about the ancillary service capabilities and response times for certain battery energy resources.<sup>1</sup>

a. Provide LUMA's technical opinion on the requests made by certain proponents to change the threshold values associated with four MTRs for i) Response Time for Frequency Regulation, ii) Round Trip efficiency of battery storage, iii) Voltage regulation, and iv) Fast dynamic reactive power reserve and voltage support and short circuit ratio.

b. As operator of the T&D system including generation supply dispatch responsibilities, what is the appropriate threshold values required for these separate MTRs, considering the potential for procurement savings under certain relaxation considerations for threshold values for MTRs.

#### RESPONSE

- a. [Pending review of the requests submitted by the proponents.]
- b. The MTRs as published by LUMA are appropriate for the current Puerto Rico Bulk Power System. Once LUMA is able to complete its review of the proponents' comments, it will be in a position to provide specific feedback regarding their request to change the threshold values for certain MTRs. LUMA will implement any lessons learned during this tranche and recognizes that MTRs for future tranches should reflect the evolution of the grid at the time the anticipated projects will be added .

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<sup>1</sup> According to the Energy Bureau's Resolution and Order of April 11, 2022, this information from respondents was included in PREPA's Informative Motion Regarding Status of BESS Proposal Evaluations, VPP Proposal Negotiations and Interconnection Study Timeline, Including Exhibits A-I, A-II, and A-III, *In re: Implementation of the Puerto Rico Electric Power Authority Integrated Resource Plan and Modified Action Plan*, Case No. NEPR-MI-2020-0012, February 10, 2022.

## 2.2 Question 7

### QUESTION

Concerning interconnection agreements.

- a. Provide specific rationale for LUMA's concerns that interconnection agreements on the Puerto Rico grid must meet the FERC large generator interconnection standard, rather than Puerto Rican specific standards that would provide sufficient reliability assurances.<sup>2</sup>
- b. Confirm or explain otherwise that any concerns with VPP respondent offerings do not include bulk system interconnection agreement concerns, since the resources would be connected at the distribution system level.

### RESPONSE

- a. LUMA's draft of the Large Generator Interconnection Agreement is based on the FERC standard but does include provisions to adapt it to Puerto Rico. This approach is consistent with LUMA's System Operating Principles and stated objectives of developing best in class practices for the Puerto Rico Bulk Power System and utilizing industry standards applied to the Puerto Rico context. Utilizing a FERC standard also provides consistency in application of transmission requirements and provides proponents with familiar contractual structures that are used throughout the US. This also supports reduction of the perception of specific Puerto Rico risk.
- b. Confirmed. LUMA has been invited by PREPA to technical conferences with the two VPP proponents, and it is the LUMA team's understanding that the resources would be connected at the distribution level and thus not require a Large Generator Interconnection Agreement. If transmission level resources were considered, the interconnection agreement would apply.

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<sup>2</sup> According to the Energy Bureau's Resolution and Order of April 11, 2022, these LUMA concerns were expressed by PREPA in PREPA's Informative Motion Regarding Status of Contract Negotiations and Delays in Finalizing Form of Interconnection Agreement, *In re: Implementation of the Puerto Rico Electric Power Authority Integrated Resource Plan and Modified Action Plan*, Case No. NEPR-MI-2020-0012, March 1, 2022.