

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

NEPR Received: Sep 10, 2021 8:09 PM
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IN RE:

TARIFA PERMANENTE DE LA
AUTORIDAD DE ENERGÍA ELÉCTRICA
DE PUERTO RICO

CASE NO. NEPR-MI-2020-0001

SUBJECT: Report on Streetlight Repairs

**MOTION SUBMITTING REPORT ON STREETLIGHT REPAIRS FOR
AUGUST 2021**

TO THE PUERTO RICO ENERGY BUREAU:

COME NOW LUMA Energy, LLC¹, and LUMA Energy ServCo, LLC², (jointly referred to as “LUMA”), through the undersigned legal counsel and respectfully submit the following:

In compliance with this Puerto Rico Energy Bureau’s (“Energy Bureau”) order of June 28, 2020³, LUMA hereby submits the report on streetlight repairs with the data for the month of August 2021, attached hereto as Exhibit 1. In addition, LUMA also hereby submits a document prepared by LUMA titled “Summary of Key Updates – August Streetlight Report”, attached as Exhibit 2, containing a comparison between the totals in the reports for the months of July and August 2021 and a detailed summary of key updates implemented by LUMA for the August report, which updates LUMA proposes to use going forward.

¹ Register No. 439372.

² Register No. 439373.

³ See Section VIII, paragraph 3 of the Energy Bureau’s Resolution and Order in the instant proceeding entered on June 28, 2021.

WHEREFORE, LUMA respectfully requests that the Energy Bureau **take notice** of the aforementioned and deem LUMA in compliance with the June 28, 2020 Energy Bureau order regarding the submittal of the monthly streetlighting repair reports for the month of August 2021.

RESPECTFULLY SUBMITTED.

In San Juan, Puerto Rico, this 10th day of September, 2021.

I hereby certify that I filed this motion using the electronic filing system of this Energy Bureau and that I will send an electronic copy of this motion to the attorney for PREPA, Katuska Bolaños-Lugo, kbolanos@diazvaz.law and to the Independent Office of Consumer Protection by submittal to Hannia Rivera, hrivera@oipc.pr.com.



DLA Piper (Puerto Rico) LLC
500 Calle de la Tanca, Suite 401
San Juan, PR 00901-1969
Tel. 787-945-9107
Fax 939-697-6147

/s/ Laura T. Rozas
Laura T. Rozas
RUA Núm. 10,398
laura.rozas@us.dlapiper.com

Exhibit 1
August Monthly Streetlight Report

STREET LIGHTING PROGRAM | ACTIONABLE VISIBILITY BOARD

Report Date (AST Local Time)
9/8/2021 6:22:26 PM

Latest Refresh (AST Local Time)
8/31/2021 5:09:11 AM

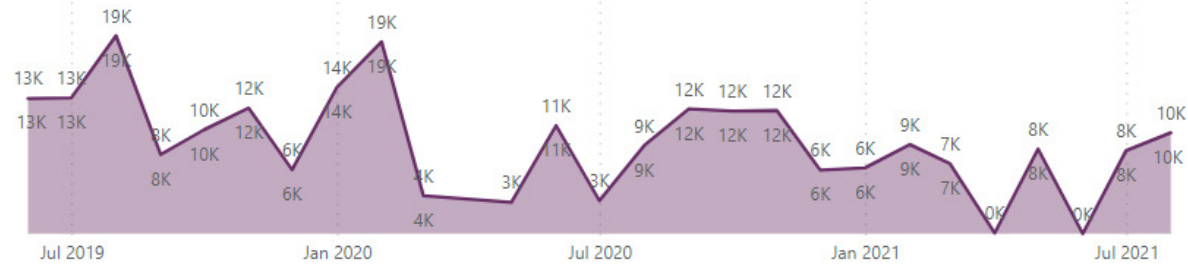


ASSESSMENTS:

Total Impact from Inventory: 49.2%



Monthly Luminaries Assessed by Damage Assessment Date



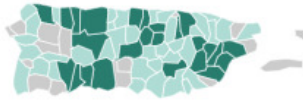
INVENTORY INFORMATION

Inventory (CC&B): 519,015
Damaged (70%): 363,311

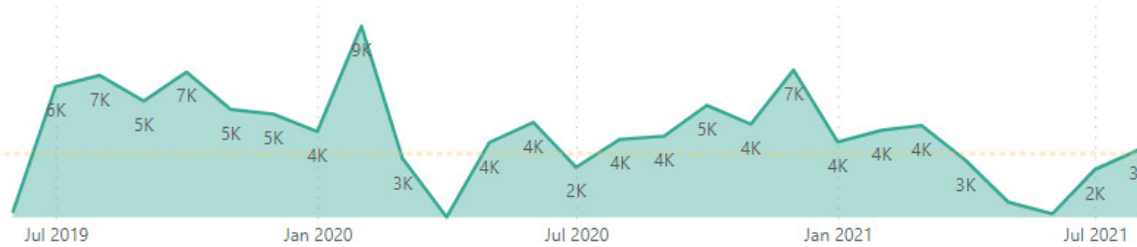
235,732
Assessments Done

REPAIRS:

Total Impact from Inventory: 28.3%



Monthly Luminaries Repaired by As Built Date

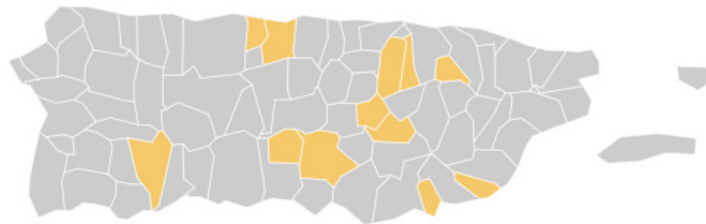


132,508
Repairs Required by Contractors

109,034
Total Repairs Completed by Contractors

WORKED BY T&D:

(Zones Certified by T&D District)



168,516
Repairs Completed T&D

277,550
Total Repairs Completed

Exhibit 2
Summary of Key Updates-August Streetlight Report



Summary of Key Updates - August Streetlight Report

NEPR-MI-2020-0001

September 10, 2021

1.0 Introduction

For the August Streetlight Report, LUMA reconciled streetlight inventory and repair totals previously submitted in June and July as a part of the Streetlights Rate Adjustment Report and the Streetlights Report. A comparison of the totals included in the July report and August report are displayed in Figure 2.1 and a detailed summary of key updates is included in Section 3.0.

2.0 July and August Report Summary

Figure 2.1 Side-by-side view of July and August totals

Item	Description	July 2021 Report	July Report Expressed in %	August 2021 Report	August Report Expressed in %
1.0	Total Streetlights and Affected from Hurricane Maria				
1.1	Public Streetlights Inventory in Service	483,580	100%	519,015	100%
1.2	Estimated Affected Streetlights from Hurricane Maria	244,119	50%	363,311	70%
2.0	Repair Programs - T&D and External Contractors				
2.1	Repaired units by T&D as May 31 st ,2021	62,796		168,516	
2.2	Repaired units by External Contractors from June 10, 2019	105,798		109,034	
2.3	Total Repaired Streetlights (T&D + Contractors)	168,594		277,550	
3.0	Streetlights to be Repaired / in Service				
3.1	Affected Streetlights pending to be repaired (Estimated Affected - Total Repaired)	75,525	16%	85,761	17%
3.2	Public Streetlights in Service	408,055	84.38%	433,255	83.48%

3.0 Key Updates

The following changes outlined below have been implemented for the August Monthly Streetlight Report. The summary provides information about the four key numbers that will be used by LUMA going forward to track progress: 1) Total streetlight inventory, 2) Damaged streetlights, 3) Repairs completed by Contractors and 4) Repairs completed by LUMA.

TOTAL STREETLIGHT INVENTORY

The legacy PREPA GIS data currently identifies a total of 489,385 streetlights. However, through the work performed via the streetlight program, third party contractors have reported units that are not included in the GIS system. LUMA will perform field inventory work, assess streetlight condition, and update the GIS database as planned in the Preliminary Engineering Data Collection Request for Proposal¹.

The inventory reported in the Customer Care and Billing system (CC&B) is the basis for streetlight rate adjustment and will be considered the basis for the streetlight repair program progress. In summary, CC&B contains data for 519,015 streetlight units which will be the total inventory of streetlights used by LUMA going forward.

DAMAGED STREETLIGHTS

Consistent with what has been estimated and reported for the FEMA Method of Repair (MOR) document for distribution lines across Puerto Rico, LUMA will consider **70%** of the streetlight units damaged during Hurricane Maria². This estimation may be revised after the “Field Inventory and Assessment of Streetlight Condition” program concludes.

In summary, considering the 519,015 total inventory of streetlights and the 70% damaged amount, 363,311 units are estimated to be damaged which will be the total number of damaged units used by LUMA going forward.

¹ Preliminary Engineering Data Collection, filed to Energy Bureau on July 21st, 2021 against the System Remeadiation Plan docket NEPR-MI-2020-0019.

² Based on a sample of 64,299 streetlights assessed, the 70% of the total inventory reported was affected by Hurricane Maria

REPAIRS COMPLETED BY CONTRACTORS

LUMA continues to track repairs completed by contractors which totals 109,034 as of August 31, 2021.

REPAIRS COMPLETED BY PREPA AND LUMA

LUMA was previously unable to validate and report total repairs completed by the PREPA T&D team prior to LUMA's commencement. LUMA has since validated that the repairs completed by PREPA and those completed by LUMA since commencement total 168,516.

LUMA will continue to track the total amount of units repaired by PREPA and LUMA, that is currently 168,516.

SUMMARY

In summary, the attached Exhibit 2 August Streetlight Report includes the overall progress of the program given the totals outlined above. Of the 363,311 estimated damaged units, 277,550 have been repaired which represents 76.4% progress, and 83.5% of public streetlights are back in service.