Estimated Time of Restoration Notification

The information included in this report is current as of 1300 hours on 2022-09-25. All information is preliminary and subject to change.

In compliance with Section 5.14(b) of the Transmission and Distribution Operation and Maintenance Agreement (T&D OMA) and the LUMA Emergency Response Plan (ERP), LUMA is providing an update on LUMA's response to the Emergency Event as described below:

Summary of Emergency Event

Event Start Date	Saturday, September 17th, 2022
Event Name	Hurricane Fiona
Event Summary	On September 15, 2022, the LEOC was activated in preparation of the anticipated impacts of Hurricane Fiona. Initial impacts to the T&D System, as a result of Hurricane Fiona, began occurring on September 17, 2022. On September 18, 2022, as a result of severe weather from Hurricane Fiona, the electric system experienced numerous transmission line outages which contributed to an island-wide power outage.

Notification of Estimated Time for Restoration

Overview	In accordance with the requirements set forth in LUMA's ERP, LUMA began preliminary damage assessment on Tuesday, September 20, at 0700 hrs, when it was safe to deploy personnel and fly helicopters. At this time, LUMA has completed the initial preliminary damage assessment and can provide a preliminary global, system-wide Estimated Time of Restoration (ETR). This information is summarized below.

Estimated Time of Restoration Notification

Estimated Restoration Timeframe

Accuracy of ETR estimates is dependent on a combination of factors, including:

- Availability of generation resources,
- System stability as load is matched to generation, and extensive switching activities are undertaken,
- Sufficient system generation reserves;
- Weather conditions, and
- Access that may be blocked due to debris, flooding or otherwise.

This list of risks may change based on information from damage assessments. ETRs will be updated based on new information.

Projected Available Generation (PREPA, AES and Ecoelectrica)	Projected Timing for Available Generation	System-Wide Customers with Service	System-Wide Customers with Service
~1900 - 2100 MW	Monday, 9/26	850K – 950K	57% - 64%
~2100 - 2300 MW	Wednesday, 9/28	950K – 1.15M	64% - 77%
~2300 - 2600 MW	Friday, 9/30	1.15M – 1.35M	77% - 91%
*Restoration estimates subject to change depending on extent of damage and availability of generation. Actual number of customers restored can and will fluctuate daily.			

Based on these estimates and if 2600 MW of generation capacity is available, the Estimated Time of Restoration for 90% of service outages is Friday, 9/30.

Some areas and communities in Puerto Rico may have power restored sooner than others. Specifically**, some areas in western, southern, and central Puerto Rico may see power restoration take longer** due to severity of damage to roads and infrastructure is complicating damage assessments and restoration efforts. Additionally, although power will be restored to customers, Puerto Rico's electric grid will remain fragile and require fundamental transformation and modernization in order to ensure long-term stability of the system and service reliability.

Reserves

It is essential that generation reserves are maintained to protect the overall stability of the energy system. Generation reserves are an essential component of the gradual restoration process. LUMA, in its role as the System Operator, will maintain generation reserves throughout the restoration effort in order to protect the system and reduce the potential for major setbacks to restoration and further service interruptions.