



# Puerto Rico Energy Week

Grid Modernization

February 21, 2023

# LUMA's Historic Progress

## ENHANCED RELIABILITY



**FEWER OUTAGES**  
under LUMA,  
measured by  
SAIFI

## EXPANDED RENEWABLES

Connected  
**42,000+**  
**CUSTOMERS**  
to rooftop solar, representing  
approximately 270 MW



## IMPROVED SAFETY

Achieved  
**65%**  
OSHA Recordable Injury  
Rate Improvement  
**No Serious Injuries**



## INCREASED RESILIENCY

Replaced  
**4,400+**  
**BROKEN AND FAILING  
UTILITY POLES**



Installed  
**300+** **DISTRIBUTION &  
AUTOMATION**  
devices

## BETTER CUSTOMER SERVICE

Assisted  
**2,000,000+**  
**PEOPLE**

after reopening  
all 25 customer  
service centers



## ACCELERATED FEDERAL PROJECTS

Launched  
**\$1,000,000,000+**  
**COMMUNITY STREETLIGHT  
INITIATIVE**

in historic  
first FEMA  
approval



Answered  
**4,200,000+**  
**CALLS**

with an average  
call wait time of  
<5 minutes



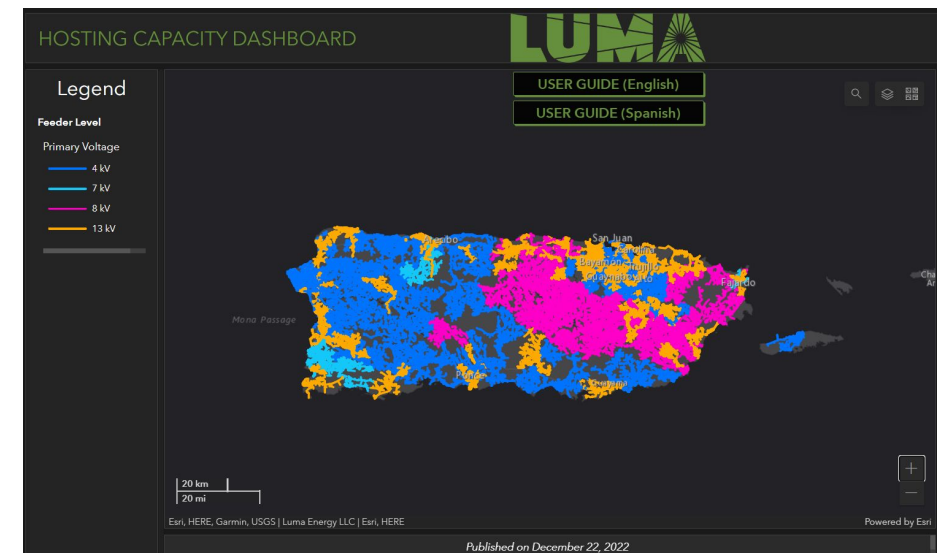
Advanced  
**282**  
**PROJECTS** representing **\$6.7B**  
in investments



# PROGRESS WITH RENEWABLES

LUMA is working toward a cleaner and more cost-efficient energy future

- Connecting **~3,400 PV** customers monthly
- Working with 40 active transmission voltage DER applications of **~100MW**:
  - **25 Solar PV ~37MW**
  - **18 combined heat and power ~65MW**
- Planning to integrate **~1,300MW** utility-scale renewables into the grid.
- Initiating the modernization of **300 substations** across Puerto Rico
- Promoting **large-scale energy storage** facilities
- Creating easy access to **digital hosting capacity maps** and **technical interconnection requirements**



# KEY OPPORTUNITY

By increasing collaboration among operators, businesses and key public and private stakeholders, Puerto Rico will benefit from:

- More clean energy and reduced dependence on costly fossil fuels
- Protection of the archipelago's environmental assets
- A stronger foundation for future laws and technologies
- Faster adoption of new technology and partnerships
- Job creation and opportunities for local communities
- Improved infrastructure for goods and services
- Accelerated transformation of Puerto Rico's economy with next-generation energy

**To achieve a cleaner, more renewable energy future, it is critical to increase stakeholder engagement, bring more technology to the island and establish policies that will benefit Puerto Rico.**





**THANK YOU**