



PUERTO RICO GOVERNMENT  
ENERGY BUREAU  
PUBLIC SERVICE REGULATORY BOARD

**Second EV Technical Workshop**  
**January 27, 2022**  
**Agenda**

**NEPR-MI-2021-0013:**  
**The Deployment of EV Charging Infrastructure**

- 2:00-2:10 Introductions and Overview
- 2:10-2:45 LUMA presentation: state of the electric grid and impact of EVs
- 1) Overview the state of the electric grid as it relates to EV adoption. Specifically, should address residential electrical infrastructure and the ability to handle increased electric load, time of charging, and areas with reliability concerns.
  - 2) LUMA strategy for “Recovery and Transmission” of T&D System and how it sees that aligning with an increase in EVs. What LUMA can do in the next 1-3 years to enable EVs on the system.
- 2:45-3:00 Q&A
- 3:00-3:30 Exacerbation of Load Variability/Extremes Due to EV load
- The “Duck Curve” Affect: likelihood and implications (Synapse)
- 3:30-3:45 Q&A
- 3:45-4:45 Overview of EV Load Management Programs
- LUMA presentation on status of DR programs and applicability to EV load management (15 minutes, followed by 5-10 minutes of Q&A)
  - Overview of EV-related load management programs & practices, technologies & techniques – Chris Nelder, consultant
    - Coordinating charging with DG & storage to minimize peak impact, price signals, DR.
    - Obstacles to EV load management programs
- 4:45-5:00 Final Q&A and Next Steps