

Southern California Edison (SCE) is one of the nation's largest electric utilities

15 MILLION
RESIDENTS

5 MILLION
CUSTOMER
ACCOUNTS

50,000 SQUARE-MILE
SERVICE AREA

1.4 MILLION
POWER POLES

724,000
TRANSFORMERS

1,360 MW
ENERGY STORAGE
CONTRACTS

2,500 MILES OF
OVERHEAD POWER LINES
REPLACED WITH
INSULATED WIRE

118,000 MILES OF
DISTRIBUTION &
TRANSMISSION LINES

6,090
NEW FIRE-
RESISTANT POLES
ADDED



SCE's portfolio includes a project that looks beyond the fundamental limits of lithium-ion technology to the development and commercialization of new battery chemistries

The project demonstrates one or multiple examples of **next-generation, pre-commercial, "beyond lithium-ion" energy storage technologies** that require real-world field experience to reduce technology and adoption barriers on the path to commercialization. Project objectives:



Identify and prioritize non-lithium-ion energy storage system (NoLESS) technologies



- Procure, install, and demonstrate a NoLESS
- Evaluate NoLESS **safety, performance, and reliability** in use cases appropriate for the storage technology (e.g., long duration, renewable integration, microgrid, etc.)



Gain experience of deploying and operating NoLESS technology