

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 is committed to lowering barriers to clean energy technology and advancing the well-being of our communities

- We ensure equitable deployment of clean energy technology and solutions supporting Disadvantaged Communities (DACs).
- We work closely with community-based organizations (CBOs) to align on common goals.
- The Greenlining Institute and SCE co-facilitate the Clean Energy Access Working Group, a forum for long-term collaboration and strategic community engagement.



Comprehensive Hazard Assessment Tool Demonstration

- Enterprise-wide comprehensive hazard assessment tool in a lab environment
- Perform natural hazards vulnerability assessments on generation, transmission, and distribution equipment
- Model a diverse range of natural hazard events with adjustable parameters.
- Demonstrate damage prediction models that estimate asset damage from natural hazard events using deterministic and probabilistic approaches



- Inform hazard mitigation efforts for long term planning
- Provide early situational awareness in the case of an acute event such as an earthquake or heavy storm to prioritize maintenance or inspection activities

