

SMUD: Extreme Heat Planning and Approach

EESI Briefing

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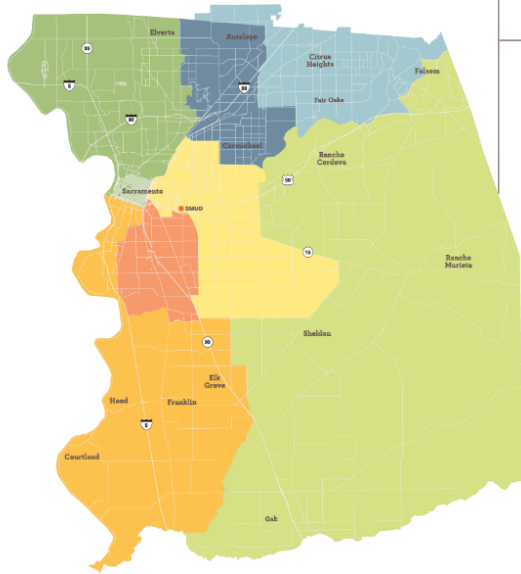
Powering forward. Together.



About SMUD

SMUD is your community-owned, not-for-profit electric service.

6th largest
community-owned
in the U.S.



75+
Years
Est. 1946

2023
Power mix
about
78%*
carbon-free



The most
ambitious goal
of any large
utility in the
United States

~645,000 Customers

~2,300 Employees

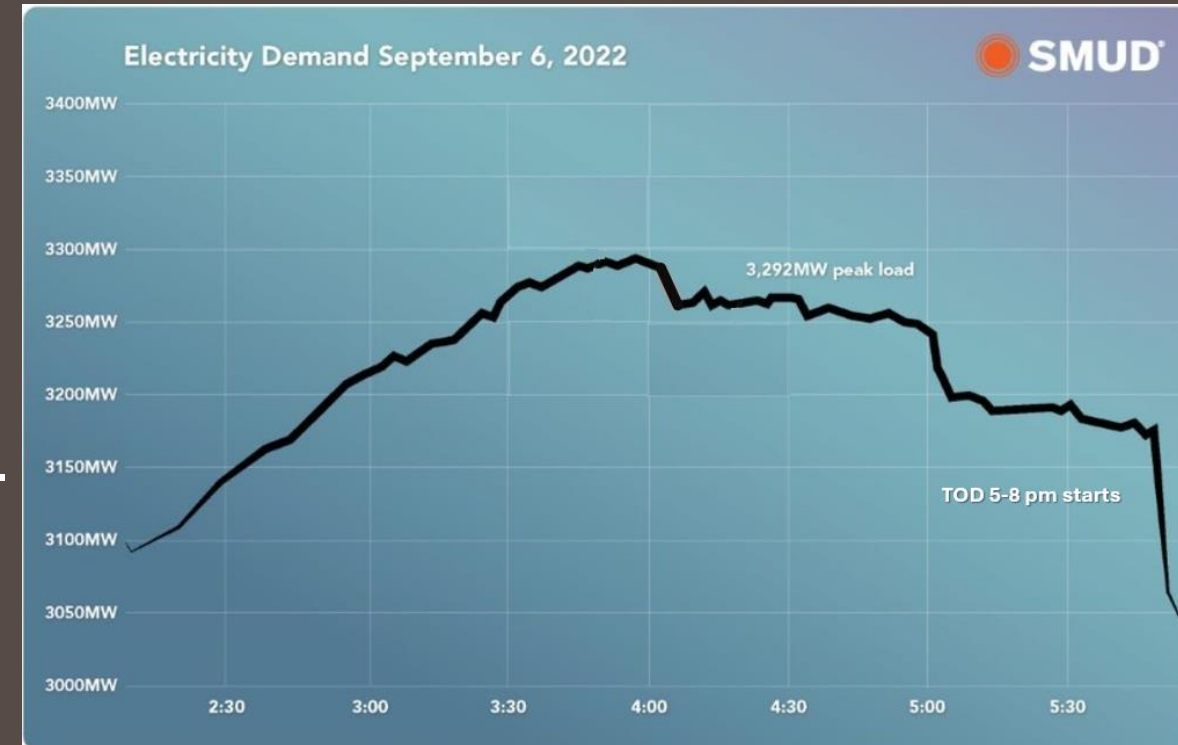


7 member
Elected
Board of Directors

SMUD's rates are among the lowest in California,

Extreme Heat Events Planning & Approach

- Annual review/revision of Capacity/Energy Shortage Contingency Plan
 - Outlines SMUD's energy shortage response processes.
- Annual Heat Event Tabletop exercise and Summer Briefing
 - Tests energy shortage process/procedure.
 - Tests rotating outage process/procedure.
 - Includes basic heat preparedness training and briefings from local partners (National Weather Service, Fire & Emergency Services, Local Emergency Management, etc.).
 - After-Action Report and Improvement Plan created following the exercise.



Community Project Spotlight

La Familia Counseling Center's Opportunity Center

- First climate resiliency center in Sacramento!
- Leveraging several federal and state grants including an
- Environmental and Climate Justice Community Change Grant from the EPA
- Services will include:
 - Fully-equipped career center
 - Computer lab
 - Parenting classes and support
 - Health and mental health resources
 - Employment services
 - Collaborative spaces for community partners
- Will also serve as a cooling center during extreme heat events
- **SMUD will incentivize building and kitchen electrification, solar and storage, EV charging, and infrastructure.**



School-Hosted Community Resiliency Center



A shelter for community members when the grid is down during extreme weather events/emergencies

Combines community solar and community resilience

Innovative design:

- Front-of-the meter solar
- Behind-the-meter energy storage
- Electric school buses with V2B capability

Free shade tree program



- Since 1990, SMUD, in partnership with the Sacramento Tree Foundation (Sac Tree), has planted more than 630,000 shade trees in the Sacramento area.
- Trees and other plants have a natural cooling effect, making vegetation a simple and effective way to reduce heat islands.
- The Sacramento Shade program expanded both the number and types of trees offered; up to 10 free trees per customer and over 30 varieties to choose from.

Wildfire Mitigation Plan



SMUD's priority is delivering safe, reliable, sustainable, and economical electric service.



Minimize the probability that SMUD's transmission and distribution system may be the origin or contributing source for the ignition of a wildfire.



Implement a Wildfire Mitigation Plan that embraces safety, prevention, mitigation, and recovery as a central priority for SMUD.



Implement a Wildfire Mitigation Plan that is consistent with state law and objectives.

Thank you.

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