



California Wildfire Safety
Advisory Board

Wildfire Safety Advisory Board Meeting

September 23, 2020, 1-4 pm

*Online via Webcast
and Telephone.*

Participation Information

Please choose one participation option. Using more than one technical option may create feedback.

- **Webcast:** www.adminmonitor.com/ca/cpuc
- **Phone:** Oral comments possible with assistance of an operator.
 - Number: 1-800-857-1917, passcode: 17 67 567
 - For public comment portion of the meeting: Dial * 1 (star one) to be placed in a queue by the operator.
- **Email:** Written comments may be sent by mail or email to WildfireSafetyAdvisoryBoard@cpuc.ca.gov.
- **Public Advisor:** If there are technical issues, the Public Advisor can help. Email public.advisor@cpuc.ca.gov, or call (866) 849-8390.

About the Wildfire Safety Board

Members:

- Marcie Edwards, Chair
- Diane Fellman, Vice Chair
- Ralph M. Armstrong Jr., Board Member
- Jessica Block, Board Member
- John Mader, Board Member
- Christopher Porter, Board Member
- Alexandra Syphard, Board Member

More information about the Board and its Members can be found here:
<https://www.cpuc.ca.gov/WSAB/>.

Opening Remarks



Pledge of Allegiance

*I pledge allegiance | to the flag
of the united states of America
and to the republic | for which it stands,
one nation, | under god, | indivisible,
with liberty and justice for all.*

Safety Moment & Finding Meeting Materials

Safety Moment: *Please be aware
of your surroundings!*

Materials available:

- Meeting Minutes from June 24, 2020
- Agenda
- Board Meeting Presentation
- Community Choice Aggregator Presentation
- Electric Cooperative Presentation

See website: www.cpuc.ca.gov/wsab

Board Meetings

- **Wednesday, September 23, 2020, 1 - 4 p.m.**
 - Meeting materials
 - Agenda
 - Contact: wildfiresafetyadvisoryboard@cpuc.ca.gov
- Location: Online via webcast, also available by phone
 - **Webcast:** www.adminmonitor.com/ca/cpuc
 - **Phone:** 1-800-857-1917, passcode: 1767567
 - Participants will be placed on mute in "listen-only" mode. When the meeting begins, participants may dial * 1 (star one) when they wish to unmute themselves.
 - **Email:** Remote participants may email questions during the meeting.

Agenda

[1] Opening Public Comment

[2] Vote on June 24th Meeting Minutes

[3] Wildfire Safety Division Presentation

- Board Discussion

[4] Community Choice Aggregators
Presentation

- Board Discussion

[5] Stretch Break

[6] Additional Public Comment

[7] Electrical Cooperatives
Presentation

- Board Discussion

[8] Discussion on Publicly Owned
Utility Advisory Opinions

[9] Adjourn

[1] Opening Public Comment

Participation Options:

Please begin your comment by stating your name and organization (if applicable).

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[2] Vote on Minutes from June 24, 2020 Board Meeting

Discussion

Vote





**Draft Wildfire Safety Division (WSD)
Geographic Information System (GIS)
Data Reporting Requirements and Schema for
California Electrical Corporations**
ISSUED BY CALIFORNIA PUBLIC UTILITIES COMMISSION (CPUC)

[3] Presentation by Wildfire Safety Division

**Wildfire Safety Division
Staff Proposal on Changes to Wildfire Mitigation
Plan Requirements and Metrics Tables**

August 11, 2020

**Wildfire Safety Division
Draft Recommendations for Developing a Safety
Culture Assessment Process**

August 12, 2020

**Wildfire Safety Division
Draft Wildfire Mitigation Plan Compliance Process**

September 18, 2020

**Presentations by Program
Managers Melissa Semcer and
Chris Meyer**

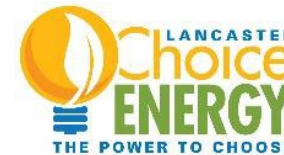
Board Discussion

[4] Presentation by Community Choice Aggregators

Presentation by CALCCA

Geof Syphers, Sonoma Clean Power
Stephanie Chen, Marin Clean Energy

Board Discussion





CCA Resilience Initiatives WSAB Meeting 9.23.20



Geof Syphers
CEO
Sonoma Clean Power

Stephanie Chen
Senior Policy
Counsel
MCE

CCAs and Resilience

- What is CCA?
- Recommendations
- Resilience in Action

CCA Resilience Initiatives

Across California, CCAs are:

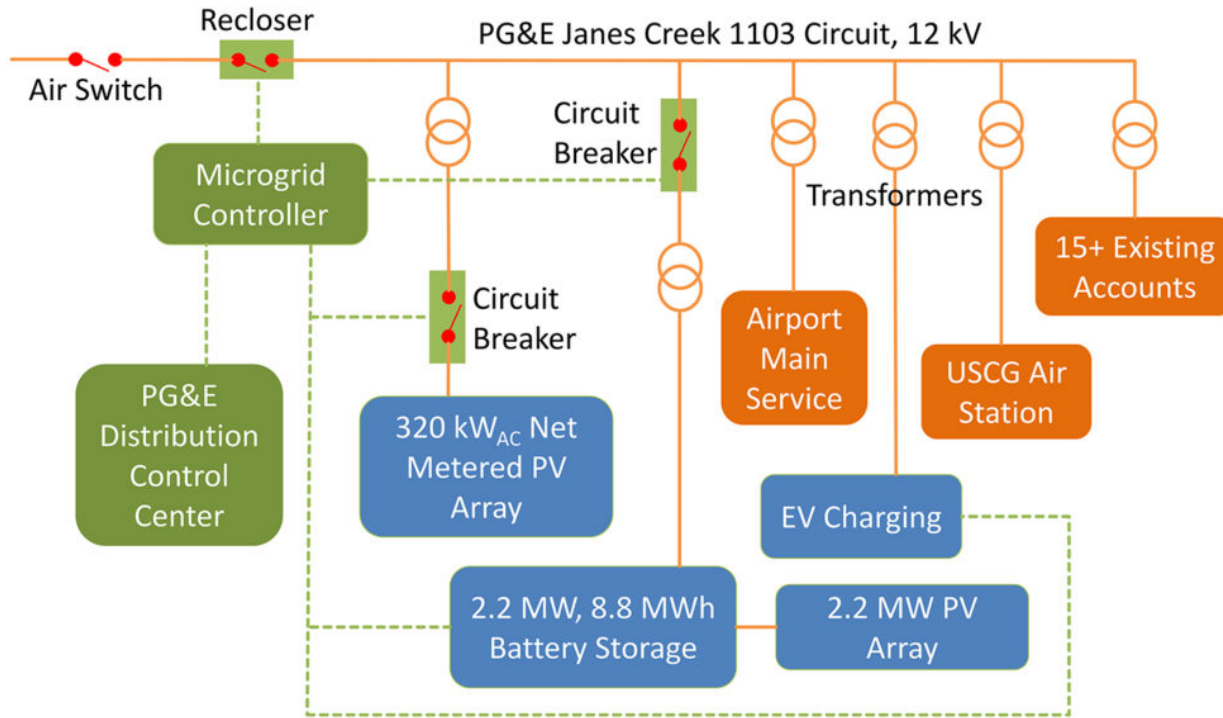
- Providing local expertise
- Contributing our own funds
- Providing emissions-free backup generation
- Giving clean emergency resources a day job

Providing Local
Expertise

Spotlight: Pioneer Community Energy



Microgrid Partnerships



Spotlight: Redwood Coast Energy Authority

- 2.25 MW solar
- 2 MW battery storage (8 MWh)
- Islanding for critical loads
- Model for microgrid partnership

Virtual Power Plants



Spotlight: MCE

- Storage paired with solar for SGIP Equity Resiliency customers
- Additional financial support
- Resiliency during outages
- Peak load shifting via managed dispatch

Visit cal-cca.org for more info

Links

Cities/Counties Served by CCA

CCA Programs

Resilience Initiatives

Quarterly Report

Stats



[5] Stretch Break



[6] Additional Public Comment

Participation Options:

Please begin your comment by stating your name and organization (if applicable).

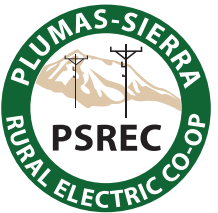
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[7] Presentation by the Electrical Cooperatives

Anza Electric Cooperative, Inc.

A Touchstone Energy® Cooperative 



Serving Plumas, Sierra, Lassen & Washoe Counties Since 1937

 **SURPRISE VALLEY ELECTRIFICATION CORP.**
516 U.S. HWY 395E ALTURAS, CA 96101
PHONE (530) 233-3511 FAX (530) 233-2190



Presentation by Jessica Nelson,
Golden State Power Cooperatives

Board Discussion

Electric Cooperatives

Power For People, Not For Profit



Jessica Nelson
General Manager
Golden State Power
Cooperative

Cooperatives are Rooted Principles

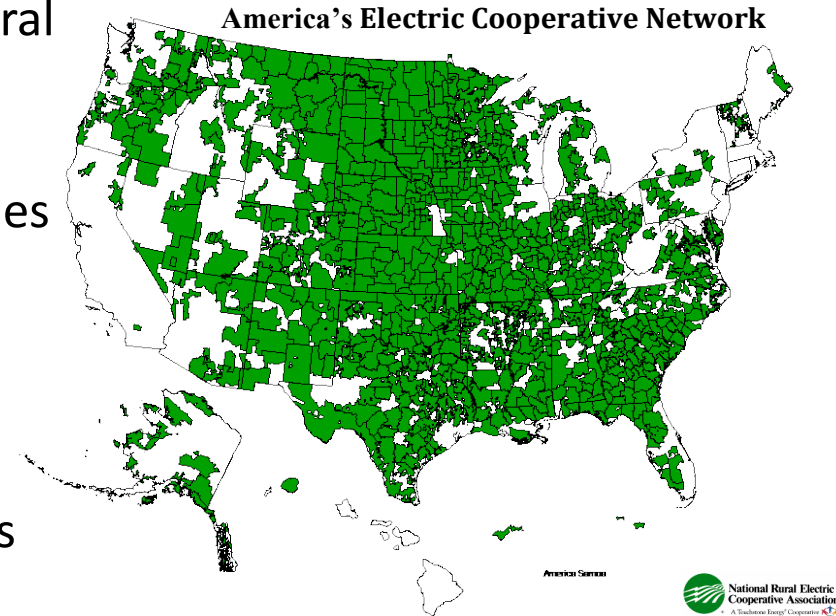


In 1844, the Rochdale Society of Equitable Pioneers in Rochdale, England formed the principles on which co-operatives around the world continue to operate.



Electricity for All!

- As late as the mid-1930s, nine out of 10 rural homes were without electric service.
- The federal Rural Electrification Administration, now called the Rural Utilities Service (RUS), was created in 1935 by Franklin D. Roosevelt
- Provides low-cost financing to bring electricity to rural, unserved areas
- Electric co-ops now serve 19 million homes and businesses



How Electric Cooperatives Energized Rural America

1844

Cooperative principles established in England.



1935

President Franklin D. Roosevelt creates federal Rural Electrification Administration (REA) by executive order.

1937

53,000 total miles of co-op lines constructed.

1940

180,000 miles of rural lines built; another 80,000 coming.



1942

National Rural Electric Cooperative Association (NRECA) forms to represent co-op interests nationally.

National Rural Electric Cooperative Association

1962

Electric co-ops serve 5 million Americans; NRECA joins with U.S. Agency for International Development (USAID) to bring electricity to developing nations.

2010

75 years after creation of REA, 900-plus co-ops in 47 states serve 17 million homes and businesses.

California Electric Cooperatives



Golden State Power Cooperative

3 Electric Cooperatives

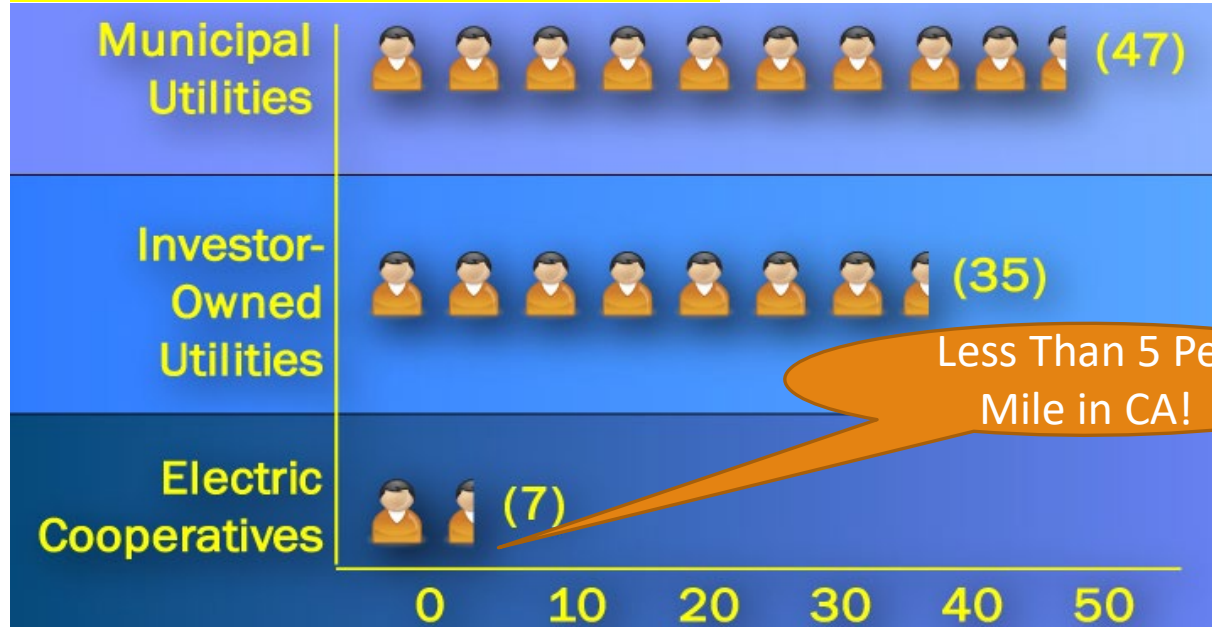
17,000 Members

4,400 Miles of Powerline

310 GWh Sold in CA
(<0.1% State Energy Sales)

Serving the “Unprofitable” Regions

Consumers Per Mile of Powerline



Income	Co-op:	State:	US:
Average Household	\$86,885	\$111,042	\$96,333
Poverty	Co-op:	State:	US:
Poverty Rate 2017	15.3%	13.3%	13.4%

Electric Cooperatives

Number of consumers served: 8

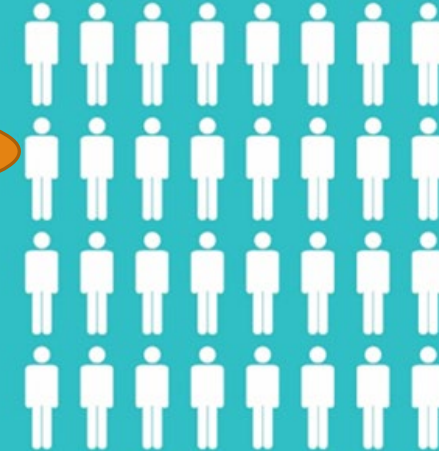


Revenue:

\$19,000

Other Electric Utilities

Number of consumers served: 32



Revenue:

\$79,000

*Sources: EIA, 2016 data.
Includes revenue and consumer
averages per mile of line.*



How Are Electric Cooperatives Different?

- Electric Cooperatives operate as not-for-profit 501(c)12 organizations.
- CA Public Utilities Code Section 2776: “...organized for the purposes of transmitting or distributing electricity exclusively to its... members **at cost**.”
- We utilize RUS low-interest financing and work with cooperative financial partners, CFC and CoBank, to make investments in our systems.
- Construction and maintenance standards have thorough oversight from RUS and insurance cooperatives
- We have democratically elected board of directors; but not affiliated with local city or county government
- Transmission often crosses vast tracts of federal land



National Rural Utilities
Cooperative Finance Corporation



FEDERATED RURAL ELECTRIC
INSURANCE EXCHANGE

nrtc

Member driven. Technology focused.



Electric Cooperative Mission:

MISSION:

- Provide safe, affordable & reliable electric service
- Consumer-focused. Service oriented.
- WMPs help achieve overall mission

WILDFIRE MITIGATION GOAL:

- Reduce risk of wildfire ignition
- Improve resiliency of the electric grid
- Prioritize cost-effective actions
- Minimize unnecessary or ineffective actions



Electrical Cooperatives Obligations under AB 1054

Electrical Cooperatives share the same obligations as Publicly Owned Utilities, as specified in PUC Section 8387:

- ✓ Required to have Wildfire Mitigation Plans in place by January 1, 2020.
- ✓ After January 1, 2020, we must prepare a WMP annually and shall submit the plan to the California WSAB on or before July 1 of that calendar year.
- ✓ Required to do annual updates to the plans and “comprehensive revisions” at least once every 3 years.
- ✓ On or before January 1, 2020, and not less than annually thereafter, present its WMP in an appropriately noticed public meeting to accept comments.
- ✓ Required to have plans independently evaluated.



Infrastructure Inspections and Expedited Maintenance



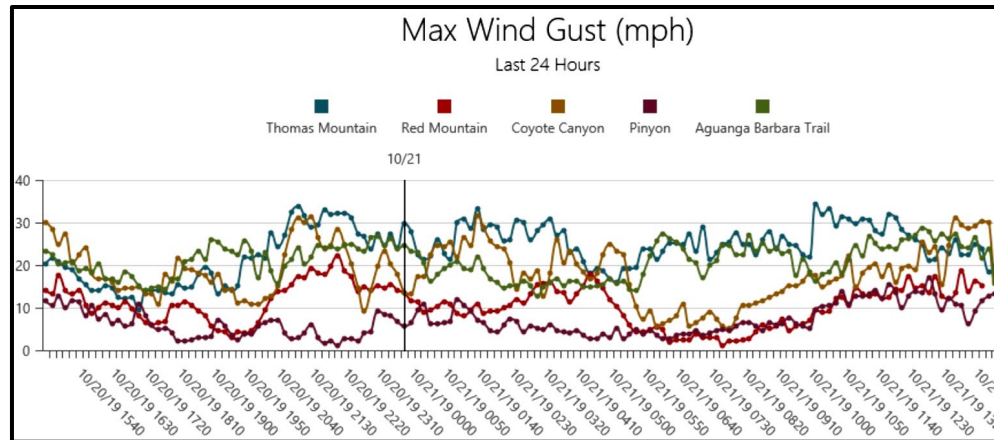
Vegetation Management



Robust Right-of-Way Saves the Day



Situational Awareness



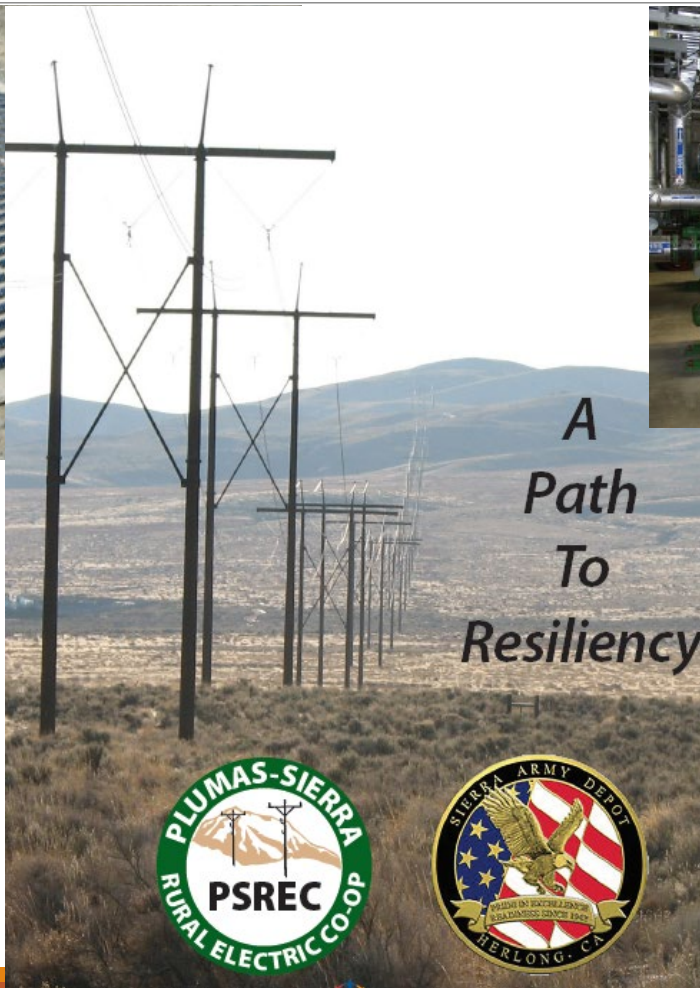
ALERT Wildfire





Building Resiliency

Plumas-Sierra REC





Building Resiliency

Anza Electric Cooperative





Serving Communities, Not Shareholders

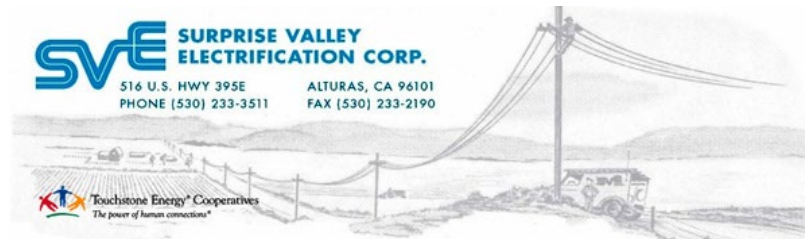


ANZA ELECTRIC COOPERATIVE, Inc.

A Touchstone Energy® Cooperative 



Your Touchstone Energy® Cooperative 



The cooperative model is well suited to nimbly and rapidly respond to evolving consumer expectations and incorporate emerging technology to deliver safe, affordable, and reliable electric service. We are invested in wildfire mitigation and responsive to the communities we serve.

[8] Discuss Publicly Owned Utility Advisory Opinions

Board Discussion



Adjourn

For more information:

www.cpuc.ca.gov/wsab

WildfireSafetyAdvisoryBoard@cpuc.ca.gov