Agenda

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9:05	Deep Dive & Project Dev. Workshop Introduction
9:15	Deep Dive Project Presentations
9:45	Breakout Rooms
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Sign In on Paper Sign-In Sheet at front desk

Today's Goals

CTA

Core outcomes of the workshop:

Advance **climate action projects**

Identify **partners, resources** & opportunities

Develop **solutions** to challenges & barriers

Determine concrete **next steps**

Workshop Format

Deep Dive Projects Breakout Sessions

- Learn about select projects
- Ask questions
- Provide valuable input
- Share resources, funding opportunities, connections, and suggestions
- Strengthen the selected project

Project Development Work Session

- Work alongside other participants to refine your project idea
- Identify key resources and potential partners
- Explore next steps for moving your project toward being “funding ready”

Deep Dive Projects

Fleet Electrification - GHG Reporting & EV Planning

Energy Efficiency & Building Decarbonization

Community Solar Project

Resilient Truckee - Wood Utilization

Cedar Renewable Services LLC

Small Biz Fleet Electrification and GHG Reduction Trend-Setting

Taking the Risk
Financial Obstacles
Communicating Value of Zero Emissions
GHG Reporting
Breakeven to Profitable

TOWN OF TRUCKEE

Municipal EV Infrastructure Master Plan (MuniEV Plan)

Fleet Transition Plan

State Requirements (50 Town Vehicles)
Approximately $3.7 million additional cost over 15 years to replace with EVs over ICEVs ($4.6 million vs. $8.3 million)

Local Net Zero Goals (141 Town Vehicles)
Approximately $4.5 million additional cost over 20 years to replace with EVs over ICEVs ($21 million vs. $25.5 million)

Charging Infrastructure Plan

Phase 1 (0-5 years): Appr. $1 million
Phase 2 (6-10 years): Appr. $4 million
Phase 3 (10+ years): Appr. $2 million

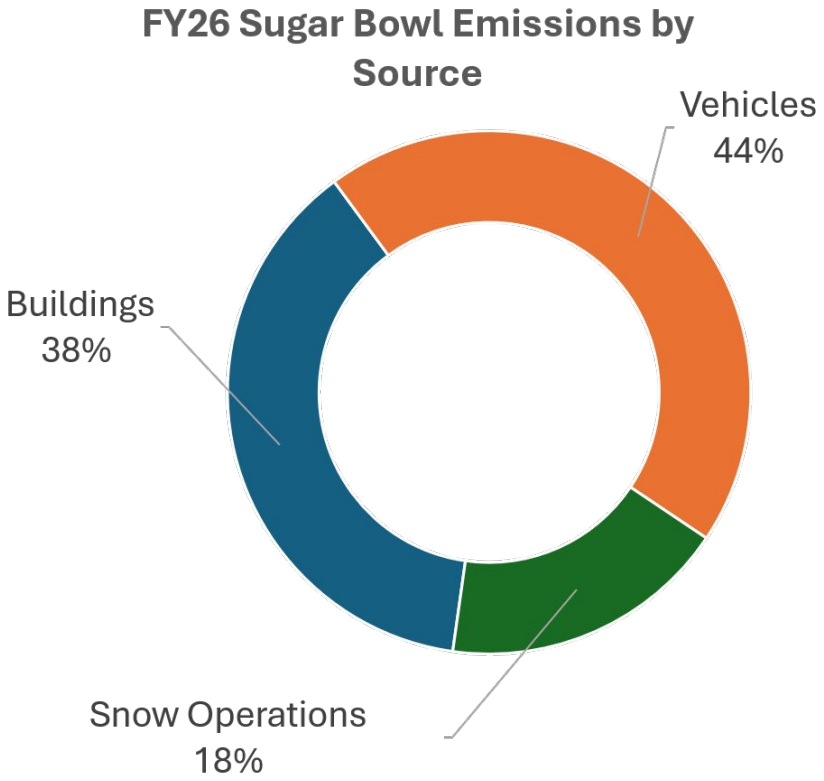
Plan Challenges

- High additional cost for Fleet replacement
- High charging infrastructure costs
- Some vehicles do not have comparable EV equivalents and those may never be available

1. What are the barriers to your agency/business electrifying your fleet?
2. What would be the positive impact of more local organizations publishing and showcasing their GHG Inventories?
3. How can avoided GHG measurements incentivize businesses/organizations to report and what outreach would be most effective to engage them?
4. What are the existing and forthcoming EV Fleet transition funding opportunities at the local, State, and Federal levels?
5. What partnership opportunities exist to optimize investments and share resources (equipment or charging infrastructure)?

Energy Efficiency / Building Decarbonization:
SUGAR BOWL

- Energy intensive industry
  - Carbon Neutral by 2045
- Significant heating demand
  - Cold climate
  - Snowmelt systems
- Aging buildings
- Increasing rates
  - All in, our electricity rates average at $0.53/kwh



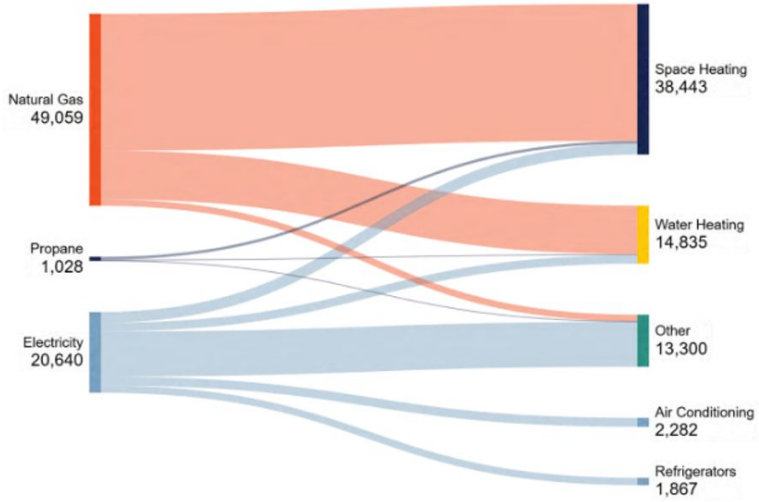
Energy Efficiency / Building Decarbonization:
TRUCKEE

- Building energy use is one of the largest contributors to Truckee's community-wide GHG emissions

Benefits:

- Lower energy costs
- Improve indoor air quality
- Improve building comfort
- Support job creation and workforce development
- Increase property value

Figure 18: Residential GHG Emissions by End Use and Fuel Type ($MTCO_2e$)



Challenges

- Bandwidth
- Poor data / baseline
- Permitting triggers & scope creep when updating an old building
- Electrification is expensive & there may be concern over grid capacity / reliability
- Funding
  - Eligibility for certain business types
  - Rebates are helpful!

The Ask

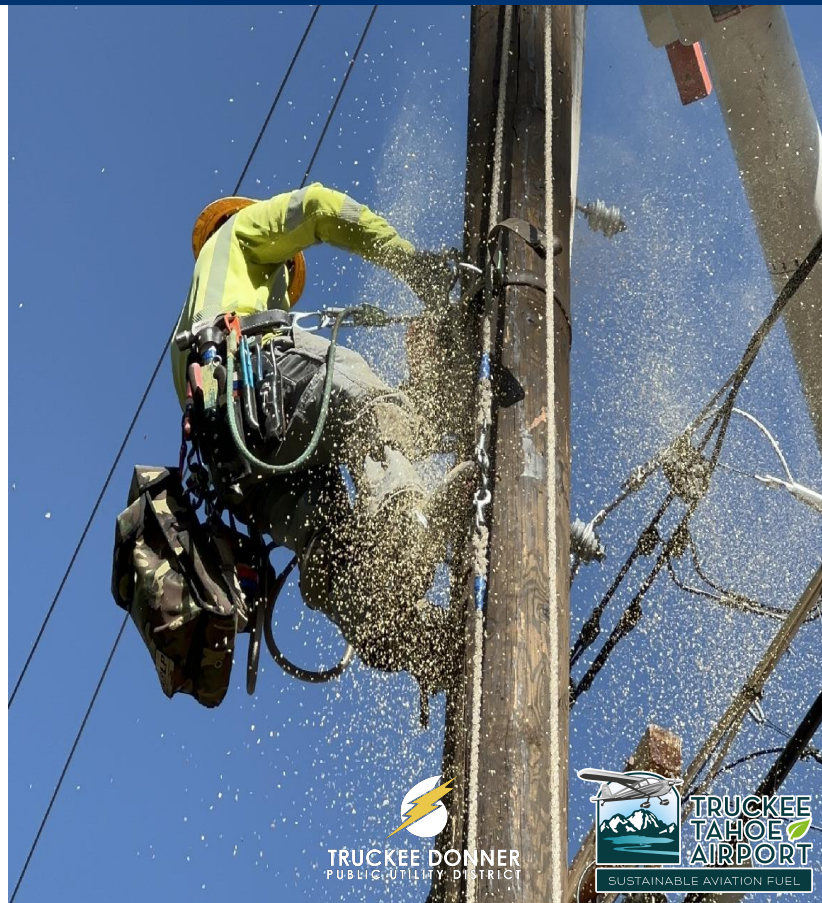
- Recommended building improvements with the best ROI
- Recommended contractors to add bandwidth
- Lessons learned

CTA Incubator Workshop – Community Solar Project

Truckee Donner Public Utility District
Truckee Tahoe Airport
October 23, 2026

The Project – What Are Your Trying To Do and Why?

- Community Solar Project
- Local, Clean Generation
- Diversify TDPUD's Electric Resource Portfolio – Execute on Integrated Resource Plan (IRP)
- Position For Electric Market Regionalization/EDAM
- Offer Customers a Local, Clean Generation Option



The Challenge – What Decisions, Barriers To Overcome, Resources, Partners, And/Or Funding Is Needed?

TDPUD is Working Through:

- Land/Community Solar Location
- System Impact Study
  - Informs Potential Locations
- Design and Procurement Options
- Funding
  - TDPUD Funding, Customer Funding, Community Funding, Grants

The Ask – What Specifically Do You Want From CTA Members In The Room?

TDPUD has the Expertise and Ability to Execute this Project Leveraging Partners in our Community and in the Electric Utility Industry

- Success of Community Solar would require overall community support for the project and constructing a generating facility in Truckee
- To address affordability for all TDPUD Customers, securing funding and direct customer participation will be key

RESILIENT TRUCKEE - WOOD UTILIZATION

Bridging community, climate, and economy.

Mike “Spoon” Witherspoon
Sierra Business Council (SBC)
Climate Transformation Alliance (CTA)
Friday, October 23, 2026

SIERRA BUSINESS COUNCIL

CTA JOURNEY: FROM I TO WE

Resilient Truckee - Wood Utilization | From a heat-demand idea to an SBC-led initiative

April 2026

Proposed the North Tahoe Heat Demand mapping idea.

Need: Identify a project partner.

Outcome: Identified SBC as partner; built a prototype.

July 2026

Identified and applied for a **$38,000** grant at Board of Forestry.

First energy assessment + facility qualification for TDRPD

August 2026

Identified two developers for facility-sizing estimates.

TDRPD agreed to apply for a planning grant.

Sept. 2026

Applied for a **$500,000** California Strategic Growth Council Community Resilience Center planning grant.

October 2026

Joined SBC to start the Resilient Truckee - Wood Utilization Initiative.

Define the initiative's mission and vision.

Built Woodflow prototype: a public dashboard for North Tahoe

October 23: CTA goals

Inform CTA members about the initiative.

Collect feedback and ideas.

Prepare members for a **Q1 2027** call for letters of support.

Identify funders for

Program Management Office
for the Wood Utilization Initiative

Heat Demand Map
to identify and qualify the lead list

Feasibility studies
matching funds

Design and permitting
matching funds

BUILDING A COMMUNITY-SCALE WOOD ECONOMY

SBC's proposed approach for the North Tahoe wood basket: 30 facilities → five studies → one priority project

Build the 2027 lead list

Assess heat and electricity demand at 30 North Tahoe facilities.

Qualify facilities

Utility bills large enough?
Nearby land available?
Multi-year capacity for a wood energy facility?

Assess the five most qualified projects

Developer-led feasibility and preliminary design.
Submit one grouped grant application for all five feasibility studies.

Detailed design and permitting

Advance one winner immediately, selected for the strongest readiness and economic viability.

2028: Apply for implementation grant funding

Move from analysis toward community-scale deployment faster.

Proposed timeline

- **Q4 2026**
  Build facility list; identify match funding partners and supporters.
- **Q1 2027**
  Qualify leads.
- **Q2 2027**
  Apply: CAL FIRE + U.S. Forest Service grants; others TBD
- **Q3 2027**
  Feasibility studies.
- **Q4 2027 / Q1 2028**
  Detailed design and permitting.
- **Q2 2028**
  Apply for implementation grants.

RESILIENT TRUCKEE - WOOD UTILIZATION BREAKOUT

Connect forest resilience, local energy needs, and economic opportunity through local wood outlets.

Breakout agenda

1. SBC's Wood Utilization Initiative
2. Logs vs. woody waste
3. Speeding up the process
4. North Tahoe projects in progress
5. Community-scale approach: benefits of running a local competitive process
6. Identifying facilities: large utility users
7. North Tahoe Wood Utilization Dashboard

1. Support and funding needs
2. Questions and answers

The problem

- Disposal: **0 to 40%** of fuel-reduction costs.
- Hauling: beyond **~30 miles** can erase local economic value
- North Tahoe: **50–120 miles** from large-scale BioRAM disposal facilities.
- BioRAM program sunsetting puts outlets at risk; closure is not assured—extensions are available.
- Selling electricity to the grid: wood can't compete with solar or wind

The solution path

A **network of local utilization facilities** with a variety of facility types:

- Sawmills
- Compost
- Combined heat and power
- Wood chips / firewood

Breakout Rooms

Prosser Room

- Deep Dive: Fleet Electrification

Trout Creek Room

- Deep Dive: Resilient Truckee - Wood Utilization

Boca Room

- Open Project Development Work Session

Chamber Room

- Deep Dive: Community Solar
- Deep Dive: Building Energy Efficiency

Meeting Norms

Show respect and honor other people, opinions, and time

Seek common ground

Every voice counts! Create a space for all participants

Dialogue, not debate. Listen with an open mind

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Full Room Project Share Outs

2 minutes:
Breakout facilitators share out high level project outcomes and needs.

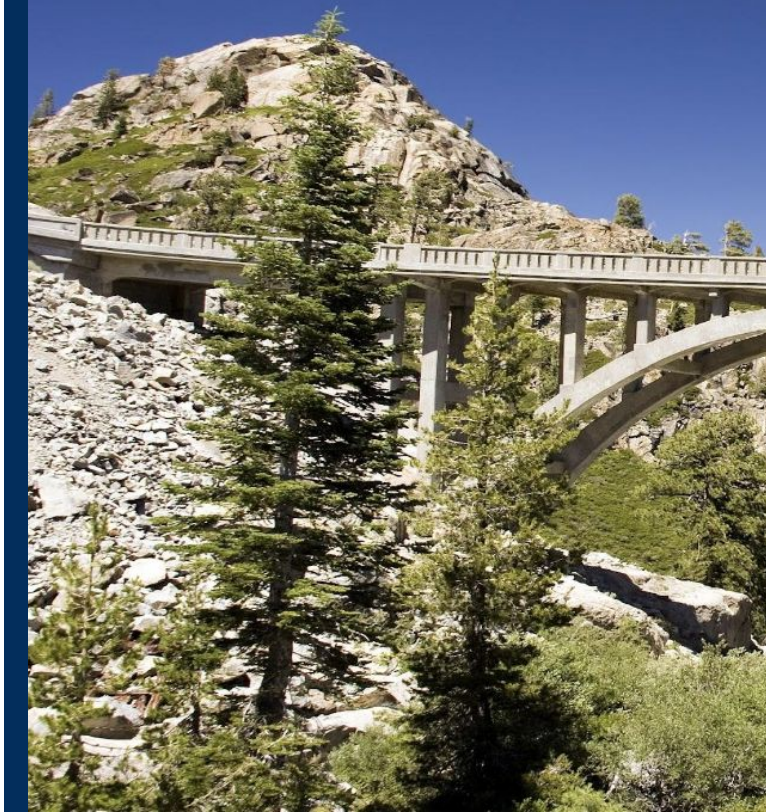
Thank you!

Please reach out to Sierra Business Council with any questions.

Website: climatetransformationalliance.org
Email: cta@sierrabusiness.org
Phone: (530)582-4800

Join us at no-host happy hour at RMU from 4pm – 6pm today!

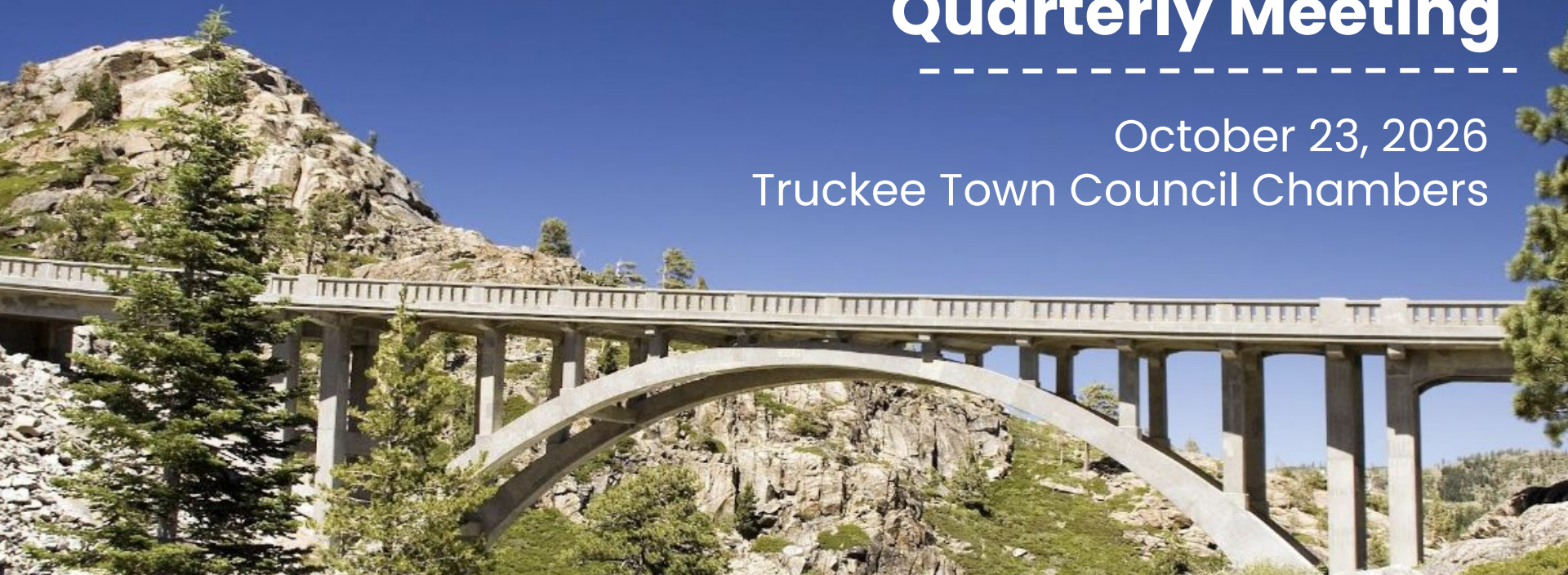
CTA | Climate Transformation Alliance



CTA | Climate Transformation Alliance

Climate Transformation Alliance Quarterly Meeting

October 23, 2026
Truckee Town Council Chambers



Designing Around Need, Not Grants

Design projects around what **our community needs**, not what grant guidelines are currently published.