



TRI-COUNTY
REGIONAL ENERGY NETWORK
SAN LUIS OBISPO • SANTA BARBARA • VENTURA

Agriculture Energy Solutions

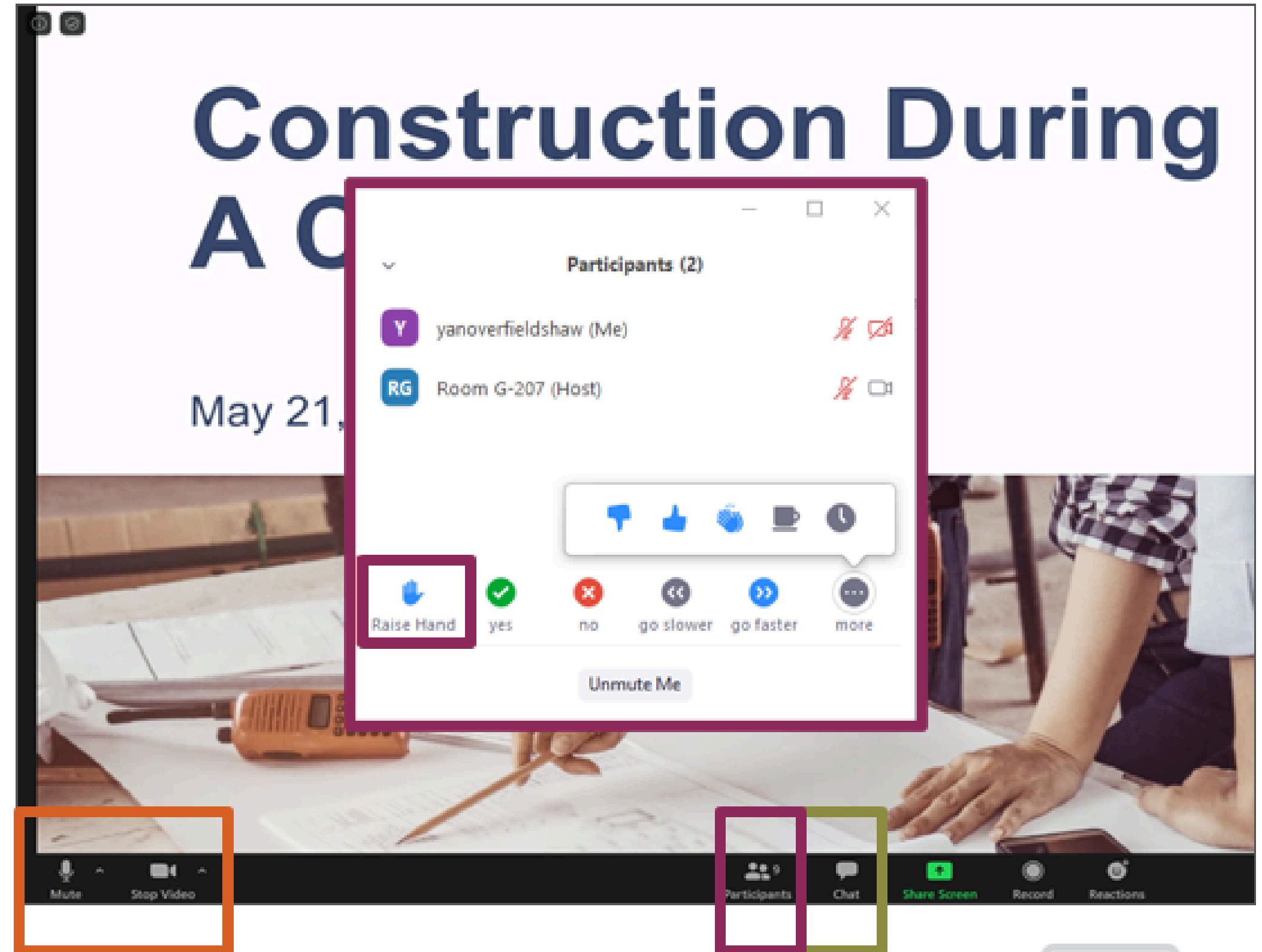
Victor Briones - Program Manager

May 6, 2025



Zoom Orientation

- Add an **introduction** in the chat. Be sure **full name** is displayed.
- Did you call in? Please **share** first and last name with us.
- Please **mute** upon joining
- Use the "**Chat**" to share questions or comments
- Under "**Participant**" select "**Raise Hand**" to share a question or comment verbally
- Session may be **recorded** and posted to 3C-REN's on-demand page
- Slides/recording are **shared** after most events



Speakers



VICTOR BRIONES

Agriculture Energy Solutions (AES)
Program Manager



IAN KNISELY

Seinergy
Program Manager

SEINERGY

TED FITZGERALD & KYLE CLARK

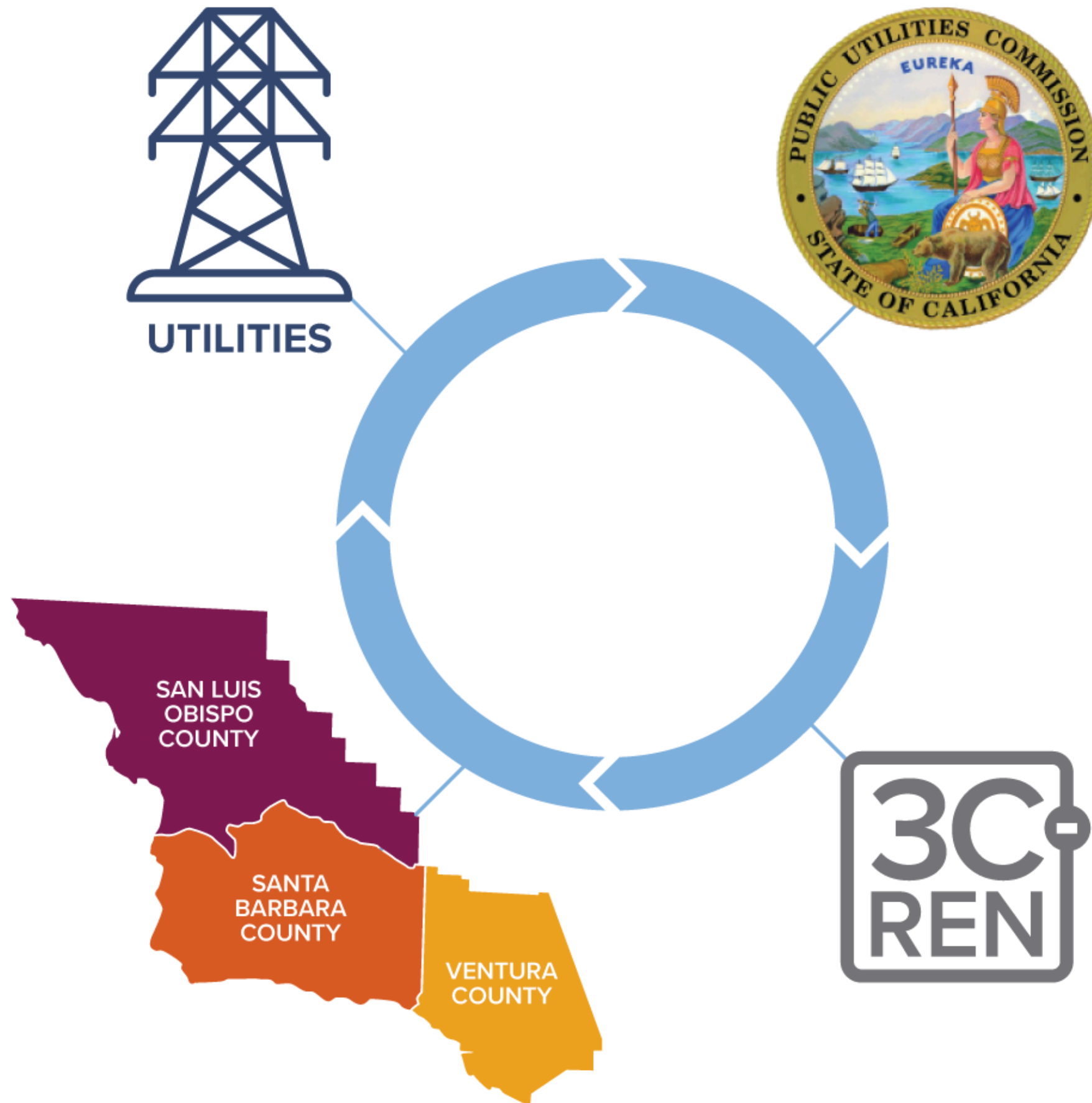
SoCal Ag Energy Efficiency (AgEE)
by SoCalGas & SCE



ANDREW GUSTAFSON

Agriculture Energy Savings
Action Plan (AESAP)
by PG&E





Tri-County Regional Energy Network

3C-REN is a collaboration between the tri-counties. Our programs reduce energy use for a more sustainable, equitable and economically vibrant Central Coast. Our free services are funded via the CPUC, bringing ratepayer dollars back to the region.

Our Services

Incentives



**HOME
ENERGY
SAVINGS**

3c-ren.org/for-residents
3c-ren.org/multifamily



**COMMERCIAL
ENERGY
SERVICES**

3c-ren.org/commercial

Contractors can enroll at
3c-ren.org/contractors

Training



**BUILDING
PERFORMANCE
TRAINING**

3c-ren.org/events
3c-ren.org/building



**ENERGY
CODE
CONNECT**

3c-ren.org/code

View past trainings at
3c-ren.org/on-demand

Technical Assistance



**AGRICULTURE
ENERGY
SOLUTIONS**

3c-ren.org/agriculture



**ENERGY
ASSURANCE
SERVICES**

3c-ren.org/assurance



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What is AES & who is it for?



Who?

Farmers & Ag Producers in
3C-REN Territory

What?

FREE Technical Assistance
Program

What you'll gain:

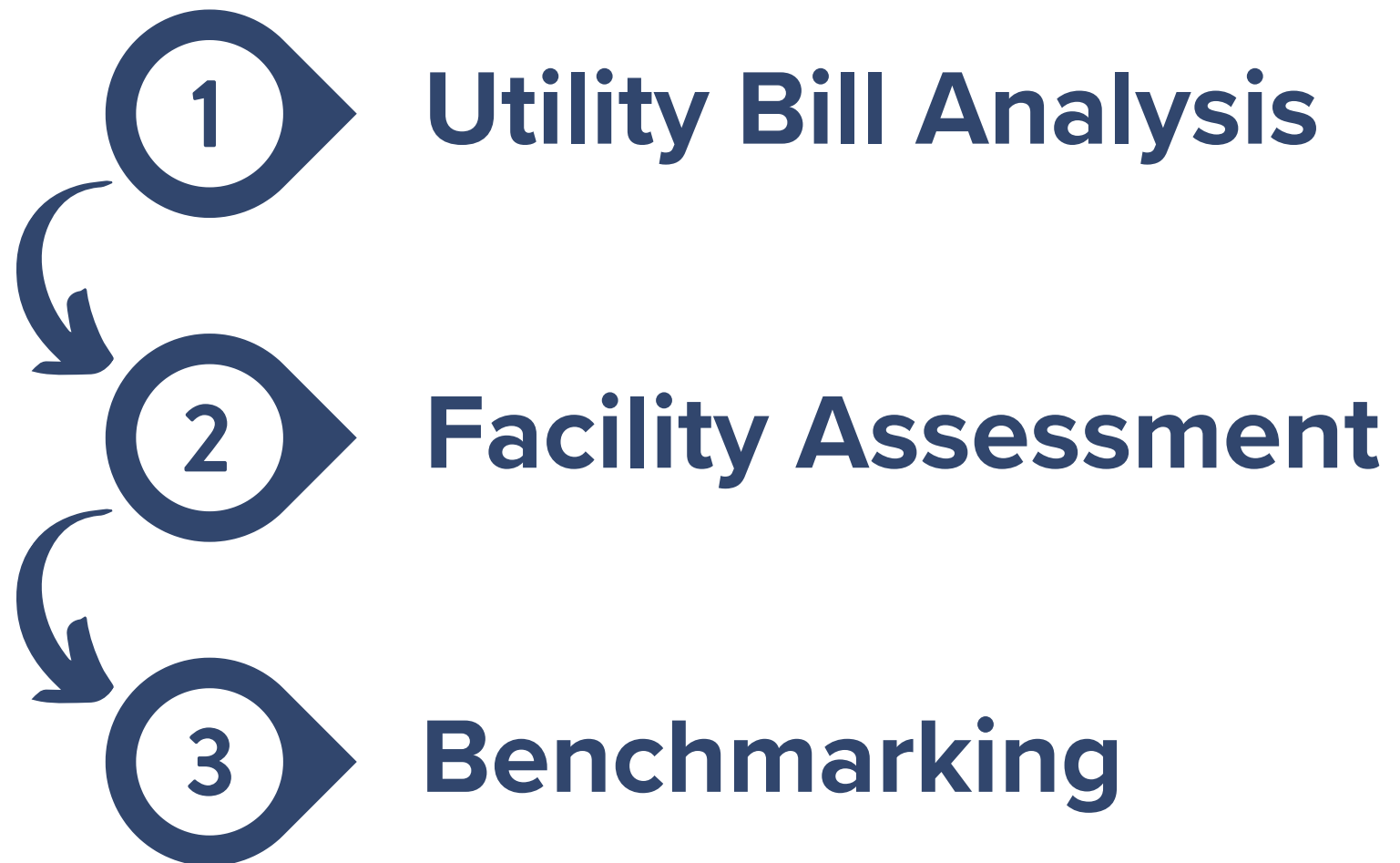
Knowledge on Energy
Efficiency

Recommendations for
Equipment Upgrades

Connections to
Complimentary Incentive
Programs

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Program Services



Note: Farmers do not have to participate in all 3.

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Program Implementor



SEINERGY

Bob Gunn: Contract Supervisor

MBA, Certified Energy Manager (CEM)
14+ years in energy efficiency sector

Postyn Smith: Project Manager

Certified Energy Manager (CEM)
5+ years in renewable energy, energy
efficiency, and project management

Ian Knisely: Project Manager

MEM, Business & Environment
4+ years in sustainable cannabis

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Utility Bill Analysis



Data Collection:

Participant shares utility bills with Seinerger (Utility API Data)

Analysis:

Seinerger analyzes energy consumption, time of use, rate, and other data

Report:

Generates utility bill “at a glance” report with major trends and rate information

Follow Up:

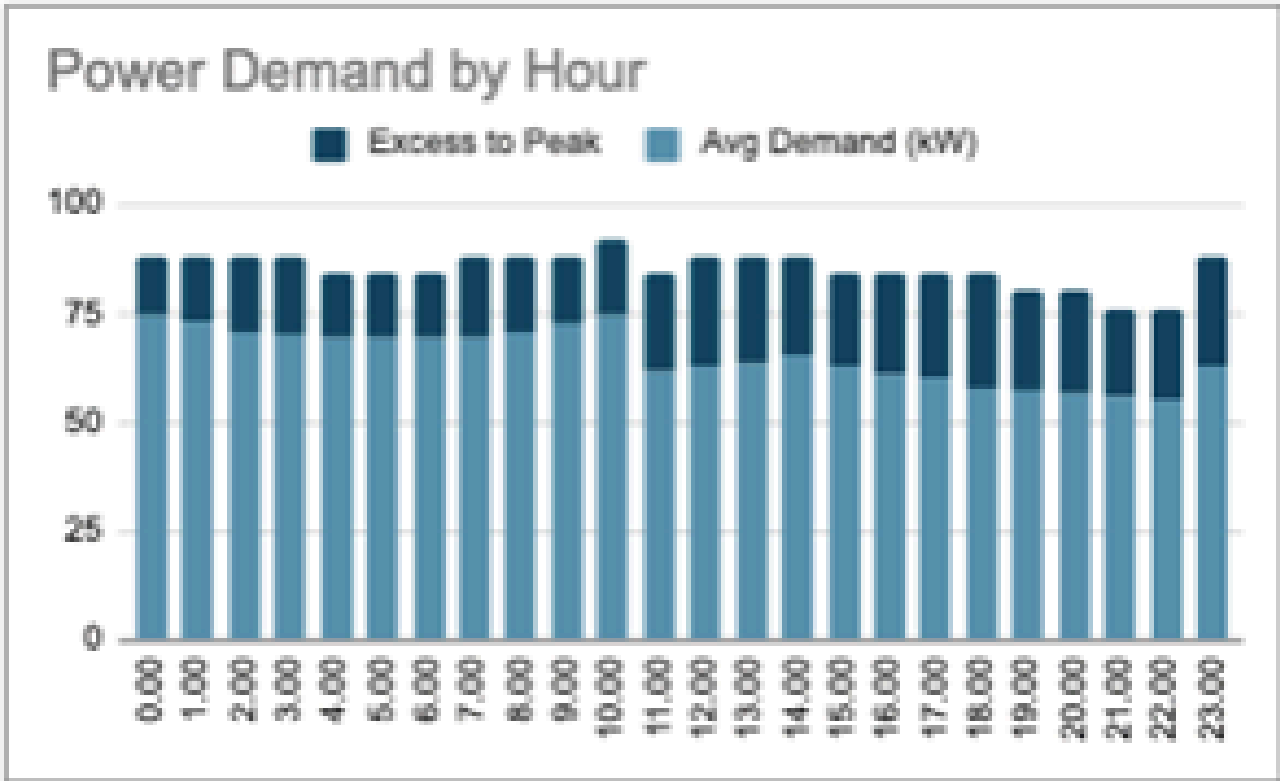
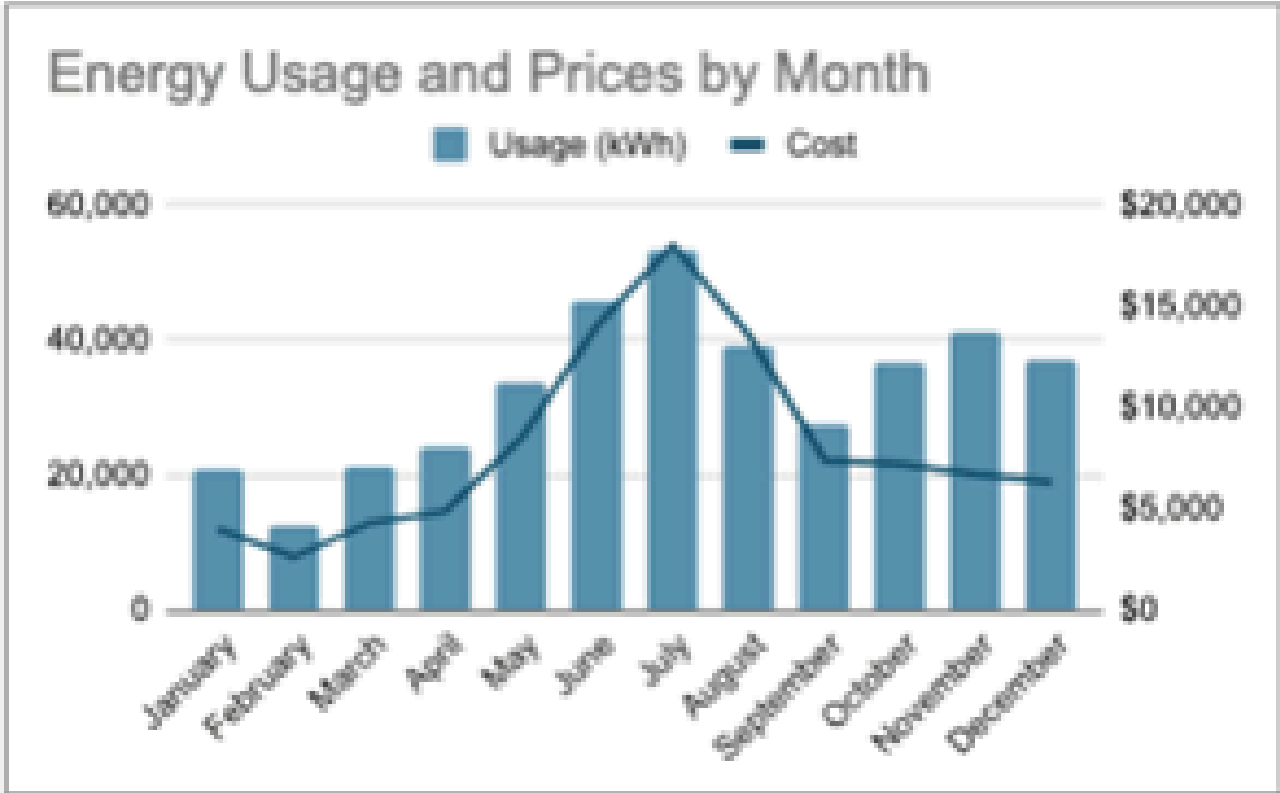
Meet with participant and discuss findings

SAMPLE

Your Energy Bill At A Glance

Thursday, November 14, 2024

We analyzed your energy usage patterns to pinpoint savings opportunities. Prepared for: **GreenRemedies**



Your Electric Bill, Simplified: Southern California Edison

Annual Energy Usage	392,740
Annual Energy Spend	\$97,793
Peak Usage Month	July
Peak Usage kWh Month	53,143
Percent of Time at Peak	24%
Min price / kWh	\$0.0819
Avg Price / kWh	\$0.1195
Min Demand kW	55
Max Demand kW	75
Peak Usage kW	92

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Facility Assessment



Walkthrough of Facility:

- Virtual site visit (in-person support available)
- Inventory of major equipment

Follow Up:

Meeting to review report and recommendations

Report:

- Equipment upgrade recommendations
- Identification of rebates & other funding opportunities
- Estimates

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Benchmarking



Resource
Innovation Institute
(RII) PowerScore
Benchmarking Tool

Data Collection:
Gas, Water, Waste Production
Data, Site Characteristics

Report:
Detailed energy profile,
allowing participants to track
energy use year to year and
compare with similar facilities.

Follow Up:
Meeting to go over the tool and
benchmark report findings

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Eligibility Criteria



- Must reside in San Luis Obispo, Santa Barbara, or Ventura County
- Must be an SCE, SoCal Gas, or PG&E customer
- Must be willing to provide information to comply with 3C-REN's reporting requirements
- Must meet the North American Industry Classification System (NAICS) Code 11 definition

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Connections to Incentives



Phase 2: Facility Assessment

Identify Incentives:

The report will identify available rebate & incentive programs applicable to the recommended equipment upgrades.

Make Connections:

We will directly connect you with rebate program implementors

Incentive Programs:

- Agriculture Energy Savings Action Plan (AESAP)
- Agriculture Energy Efficiency (AgEE)
- Air District Incentive Programs
- Natural Resource Conservation Service (NRCS)

What is AESAP?

TRC's **Agriculture Energy Savings Action Plan (AESAP)** offers prescriptive rebates, custom incentives and financing for energy-saving projects involving the retrofit or installation of energy consuming equipment in PG&E territory.

AESAP:

- Third party contract through PG&E for the Ag Sector (2021-2027)
- Comprehensively serves all segments within PG&E's Agricultural sector
- Offers services to calculate savings and process incentives
- Program services at **no-cost**



Crop Production



Controlled Environment
Horticulture



Wineries & Breweries



Dairy & Livestock



AESAP – Application Process



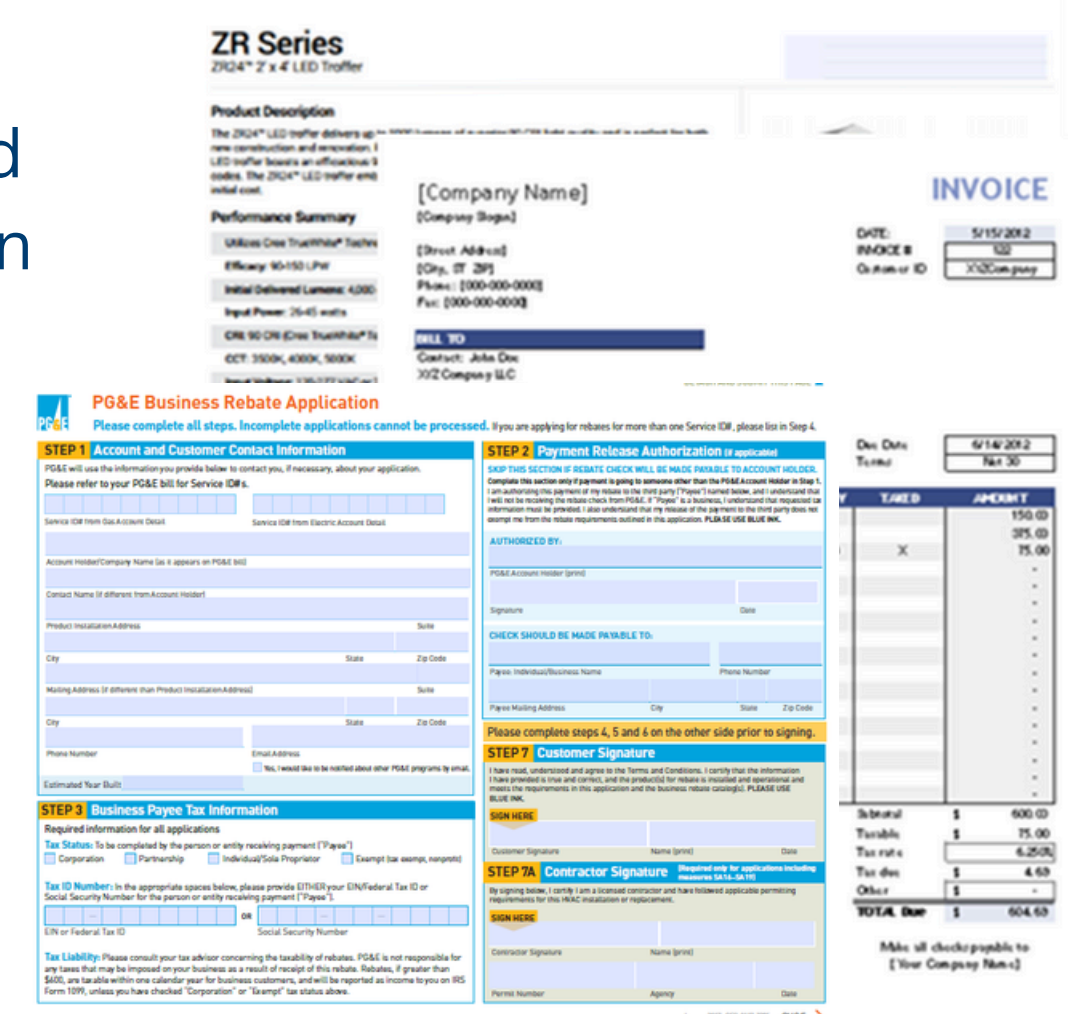
1. Contact us via website, email or phone. Providing the following is helpful: project information such as invoice or proposal with qty and type of insulation proposed, facility type and equipment information



2. We'll review and call you to discuss project opportunity viability, call you or customer with any questions we have.



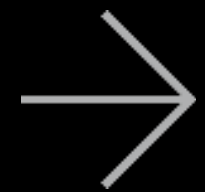
3. We'll send you the paperwork for customer to sign and send back to us, and we can start the check processing.



The screenshots show the AESAP application process. The top right shows an 'INVOICE' for a ZR Series ZR24 2' x 4' LED Troffer, with a total of \$150.00. Below this is the 'PG&E Business Rebate Application' form. The form is divided into several sections: STEP 1: Account and Customer Contact Information, STEP 2: Payment Release Authorization, STEP 3: Business Payee Tax Information, and STEP 4: Customer Signature. The form includes fields for company name, address, phone, email, and tax information. It also has a section for the customer to sign and date the application. The bottom right shows a summary table with columns for 'DATE', 'AMOUNT', and 'TOTAL DUE'.

We are happy to answer any questions you have, just let us know!

Email: AgEnergySavings@trccompanies.com
Phone: 1-833-987-7283
Web: www.agenergysavings.com



SoCal Agriculture Energy Efficiency Program (AgEE)

EnSave



April 2025

Ted Fitzgerald
AgEE Program Manager (EnSave)



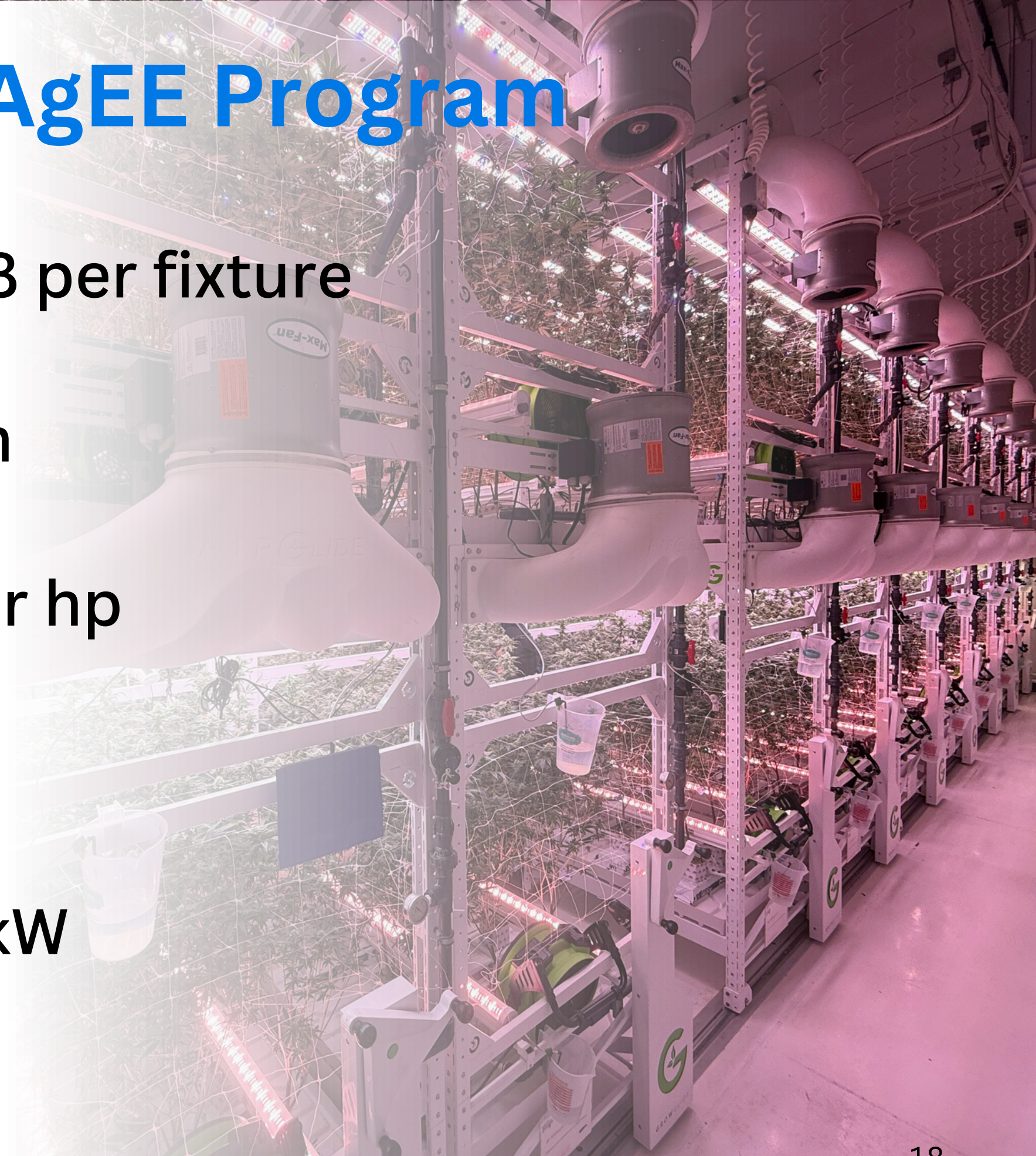
Southern California Edison AgEE Program

Deemed Rebates

- Indoor Horticulture LED: \$69 - \$538 per fixture
- Irrigation VFDs: \$10 - 20 per hp
- Ventilation Fans: \$70 - \$505 per fan
- Fan VFDs: \$130 - \$195 per hp
- Glycol pump VFDs: \$545-\$4,340 per hp

Custom Project Incentives

- Required advanced notice
- Up to \$0.15 per kWh and \$150 per kW



SoCalGas AgEE Program

Deemed Rebates

- Greenhouse Heat Curtains: \$0.48 - \$0.63 per square foot
- Greenhouse infrared (IR) film: \$0.09 - \$0.11 per square foot
- Boilers: \$2.27 - \$10.73 per kBTU/hr
- Commercial storage water heaters: \$22.31 - \$27kBTU/hr
- Hot water pipe, fitting, and tank insulation

Higher incentives available for:

Customer in Disadvantaged Communities (DAC)

- Qualified by CalEPA: oehha.ca.gov/calenviroscreen/sb535

Hard to Reach Customers (HTR)

Please contact EnSave for help determining HTR eligibility.

Thank you!

Ted Fitzgerald
AgEE Program Manager (EnSave)
tedf@ensave.com

Kyle Clark
AgEE Director / Strategic Support (EnSave)
kylec@ensave.com

Marlon Guerra
AgEE Program Engineer (EnSave)
marlong@ensave.com

Q&A

- Please use the “raise hand” function to ask a question.
- Participants will be called on in the order that hands are raised.



Thank you!

Interest Form: 3c-ren.org/ag

Questions: info@3c-ren.org

Newsletter: 3c-ren.org/newsletter



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