



**OC POWER**  
AUTHORITY

**August 5, 2021**

**Energy Efficiency Program Development  
Community Feedback Session with  
OCPA Community Advisory Committee**



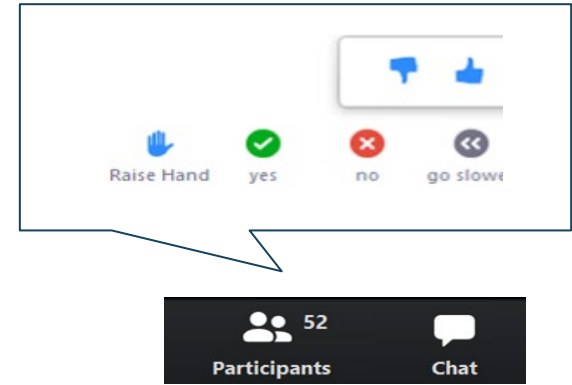
## Admin

- This webinar is being recorded
- Please keep microphone muted unless you want to speak
- If you are experiencing any technical issues during the webinar, please contact Toni ([antonia@ocpower.org](mailto:antonia@ocpower.org))



## Directions for Chat

- We will be having an open discussion throughout the meeting!
- To facilitate orderly discussion while others are speaking, we are going to be using the “raise hand” function.
- If you would like to ask your question verbally click on the “raise hand” function so we can unmute you.
- If you would not like to be unmuted, send us your question or comment through the chat!





# Welcome

- Introductions
- Goals of workshop
- Expectation setting (soliciting, adopting input)
- Structure of workshop





# Agenda

1. Background - 30 minutes
  - a. Funding
  - b. OCPA Community Analysis
  - c. Proposed Programs
  - d. Anticipated Timeline
2. Open Q&A - 20 minutes



# Funding Source

Go paperless at [www.sce.com/billing](http://www.sce.com/billing). It's fast, easy and secure.

**SOUTHERN CALIFORNIA EDISON**  
AN EDISON INTERNATIONAL COMPANY

VALUED CUSTOMER / Page 3 of 6

Service account 3-00-000-0000  
Service Address 30 ANY DR ANY CITY, CA 90000

Rotating outage Group A020

**16 DELIVERY**  
SOUTHERN CALIFORNIA EDISON delivers your electricity

**17 Your past and current electricity usage**  
For meter 200000-000000 from 10/21/17 to 10/31/17  
Total electricity you used this month is kWh 821 *Your next billing cycle will end on or about 12/01/17.*

Your daily average electricity usage (kWh)  
2 Years ago: 22.38 Last year: 23.00 This year: 28.31

**18 Details of your new charges**  
Your rate: DOMESTIC  
Billing period: 10/02/17 to 10/31/17 (29 days)

<b>Delivery charges - Cost to deliver your electricity</b>		
Basic charge	29 days • \$0.03100	\$0.90
Energy Winter		\$25.09
Tier 1 (100% of baseline)	307 kWh • \$0.08173	\$25.09
Tier 2 (101% to 400%)	514 kWh • \$0.16658	\$85.82
<b>CCA cost responsibility surcharge</b>		
PCRA	821 kWh • \$0.00778	\$6.37
QWR Bond Charge	821 kWh • \$0.00549	\$4.51
CTC	821 kWh • \$0.00034	\$0.28
<b>Other charges or credits</b>		
Generation Municipal Surcharge		\$0.56
<b>Subtotal of your new charges</b>		<b>\$122.77</b>
City SUT	\$122.77 • 4.50000%	\$5.52
<b>Your new charges</b>		<b>\$128.29</b>

**19 Your delivery charges include:**

- \$12.50 transmission charges
- \$68.06 distribution charges
- \$0.01 nuclear decommissioning charges
- \$10.31 conservation incentive adjustment
- \$12.02 public purpose programs charge
- \$8.36 new system generation charge

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**19 Your overall energy charges include:**

- \$1.11 franchise fees

**Additional information:**

- Service voltage: 240 volts
- Your winter baseline allowance: 307.0 kWh
- High Usage Charge applies at 1,229.0 kWh
- High Usage Charge applies to all usage above 400% of baseline allowance.
- Generation Municipal Surcharge (GMS) factor: 0.009095
- 2017 Vintage CRS

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*Funding for energy efficiency programs is collected through your electricity bill as a delivery charge called "Public Purpose Programs"*





# What is eligible under this funding?

## Eligible

- Electric energy efficiency activities
- Electrification measures
- Behavior based programs that reduce energy consumption
- Enhancement of an existing program
- Coordination with other programs to enhance current offerings
- Marketing or education about other energy related activities, such as solar (*needs to connect with EE*)
- Leverage additional funding to fund activities in next column

## Ineligible

- Renewable energy projects (eg solar, wind)
- Battery storage
- Electric vehicle programs, includes EV charging
- Natural gas efficiency
- Low-income focused programs



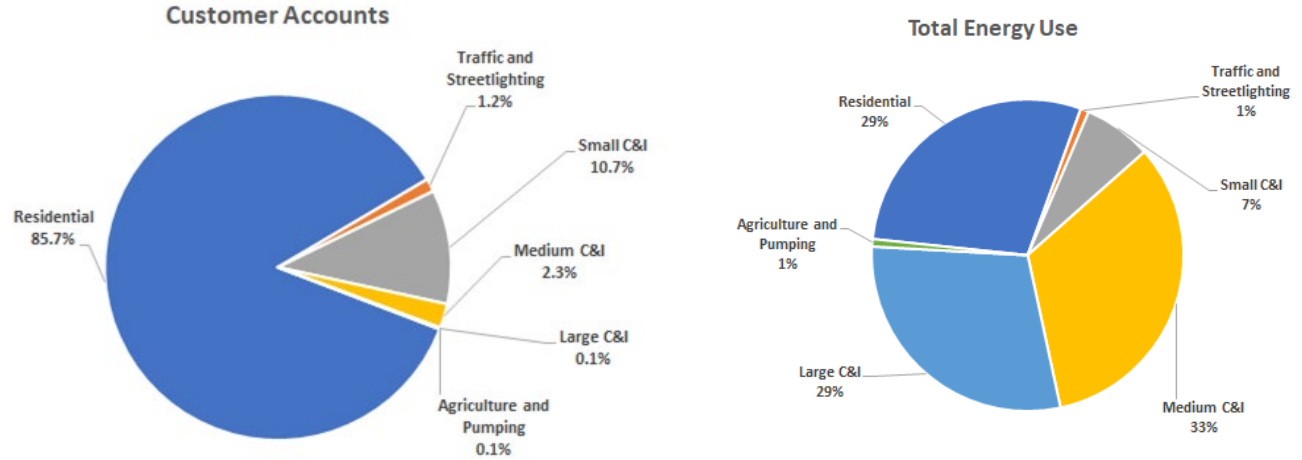
## **Customer Energy Efficiency Program Goals**

1. Help to lower customer bills
2. Spur local economic development
3. Offer specialized programs designed for member communities
4. Meet California Public Utility Commission requirements





# OCPA Community Analysis

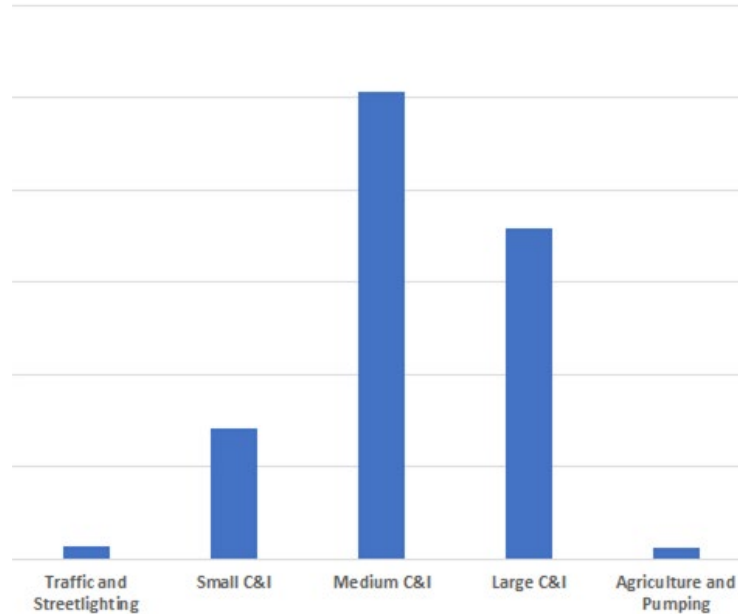


- **Residential** customers represent nearly **86% of total accounts**, but only 29% of electricity sales
- **Medium and Large Commercial & Industrial (C&I)** customers represent less than 3% of accounts but **62% of electricity sales**



# OCPA Community Analysis

Total Peak Demand



**Peak Demand:** the maximum energy use in any given hour of the year

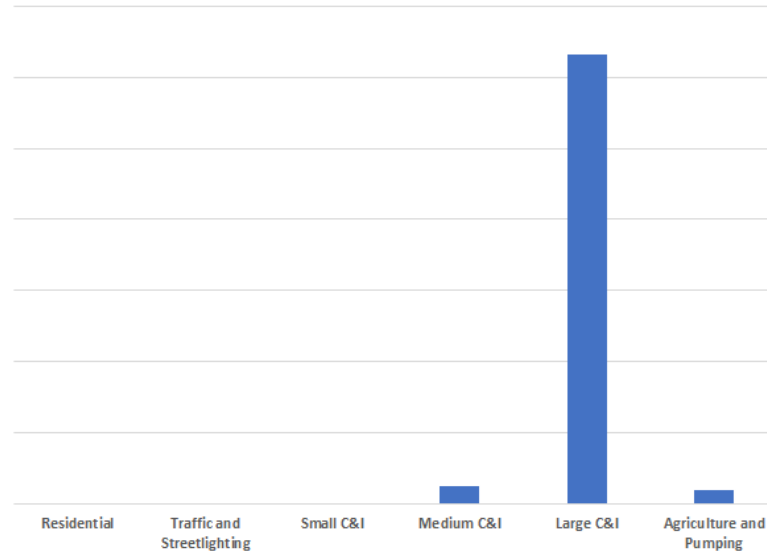
Peak Demand is a key driver for power supply costs

Reducing Peak Demands will reduce total OCPA energy costs to benefit all OCPA customers



# OC Community Analysis

Average Annual Usage per Account



Customer program design should consider the annual usage per account

Lighter touch initiatives can target a larger number of customers for less cost

Heavier touch initiatives can deliver larger savings



# Summary of Proposed Programs

## Proposed programs cover a broad range of OCPA community members

- Home owners
- Renters
- Small to large business owners
- Emerging workforce
- Municipalities

## Total of seven initial programs

1. 3 Business/Industry
2. 2 Residential
3. 1 Worker match and training program
4. 1 Public agencies



## **Summary of Proposed Programs**

# Program Plan Feedback

- Present programs at local meetings to gather community input
- Share a survey (questions included in today's presentation) at meetings and launch on OCPA's website
- Incorporate community feedback into program design



## Summary of Proposed Programs

# Business energy analysis and targeted energy efficiency rebates

**What:** Empower small/medium businesses to lower energy bills with tailored energy-saving tips and roll out rebates based on identified customer need

**Why:** Provide wide-reaching, high-level support to introduce customers to deeper savings opportunities/rebates

**Who:** Small/Medium Businesses

**How:**

- What equipment should be considered for rebates? (lighting, HVAC, refrigeration, thermostat, other)
- What platform would be most useful for energy-saving tips (e-mail/mail/online/mobile app)?



## Summary of Proposed Programs

# Hands-on energy project support for customers that are large energy customers

**What:** Holistic, tailored energy efficiency approach to maximize energy savings

**Why:** Target high energy-consuming facilities (with high peak load) to reduce OCPA power costs

**Who:** Large commercial/industrial

**How:**

- What types of customers could benefit from this support in your community (medical, manufacturing, large office space, educational institutions)?



## Summary of Proposed Programs

# Green small business certification support

**What:** Offer support to small businesses to purchase and install energy efficiency technologies and obtain Green Business Certification

**Why:** Few resources available for small business energy efficiency retrofits

**Who:** Small businesses (focus on underrepresented businesses)

**How:**

- What types of energy efficiency measures could businesses save money on/benefit from (thermostat, lighting, HVAC, refrigeration, other)?
- What size grant is needed to help small businesses invest in energy/cost-saving projects (\$500, \$1000, \$1500, \$2000)?





## Summary of Proposed Programs

# Residential energy analysis and targeted energy efficiency rebates

**What:** Empower residents to lower energy bills with tailored energy-saving tips and roll out rebates based on identified customer need

**Why:** Residential is OCPA's largest customer group (by number of accounts).

**Who:** Homeowners and renters

**How:**

- Which platform would be most effective for personalized energy-savings tips? (email, mail, online, mobile app)?
- Which energy-efficient appliances/technologies would be most appealing to residents (thermostat, refrigerator, W/D, HVAC)?



## Summary of Proposed Programs

# Multifamily tenant-focused improvements

**What:** Empower multifamily residents to lower energy use and bills with tailored energy-saving tips & roll out rebates or full-service retrofits based on identified customer need

**Why:** The owner and utility bill recipient are often different individuals in multifamily. Rebates or full-service retrofits can bridge the gap between them.

**Who:** Renters in multifamily housing (target underrepresented neighborhoods)

**How:**

- Which platform would be most effective for personalized energy-savings tips? (email, mail, online, app)?
- Which energy-efficient appliances/technologies would be most appealing to multifamily residents (thermostat, refrigerator, HVAC)?



## Summary of Proposed Programs

# Worker match and training program

**What:** Work with community colleges, students and local businesses to design energy efficiency-related curriculum accompanied by apprenticeship and job placement programs.

**Why:** Mobilize the OC workforce to address energy efficiency industry needs and skill gaps seen by local businesses.

**Who:** Emerging green-collar workforce, local businesses, community colleges

**How:**

- What types of energy efficiency skills are necessary to OC businesses, homes, and cities? (facility benchmarking, energy efficient equipment installation, energy audits)?



## Summary of Proposed Programs

# Municipal incentives for energy efficient upgrades

**What:** Targeted energy efficiency rebates and full-service retrofits for cities.

**Why:** Help OCPA member agencies lead by example and lower energy costs

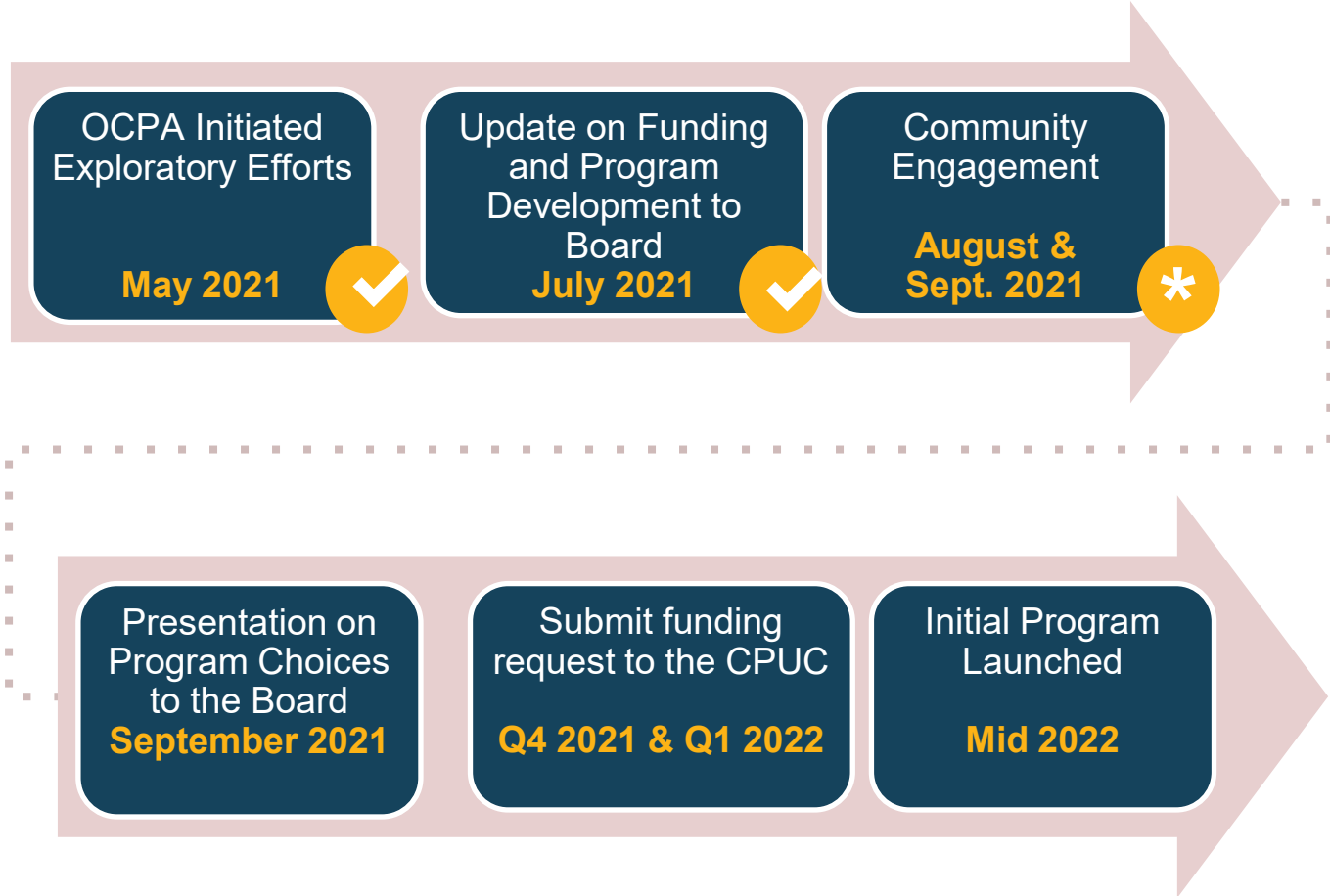
**Who:** Cities (city-owned properties) in partnership with SoCalREN

**How:**

- What types of energy efficiency retrofits can directly benefit both municipal bottom lines and the community (libraries, parks, city halls/civic centers)?



## Anticipated Timeline





## **Additional Opportunity for Feedback**

### **General Feedback**

Attend a Community Feedback Meeting

8/12 Buena Park

8/16 Fullerton

8/23 Fullerton

8/26 Huntington Beach

### **Specific Feedback or Questions**

Antonia Castro-Graham

Chief Operating Officer

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