



Community Advisory Committee

Regular Meeting

May 8, 2025





Welcome and Call to Order

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Roll Call



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Land Acknowledgement

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Special Presentation & Introductions

Welcome Staff




Marlene Mauer
Senior Program Associate



Krystal Carranza
Procurement Analyst



Public Comment on Non- Agenda Items



Items to be Withdrawn or Reordered on the Agenda

Consent Calendar

- 1. Approval of April 10, 2025, CAC Regular Meeting Minutes**
- 2. Receive and File Update on Marketing, Public Relations, and Local Government Affairs**
- 3. Receive and File Update on Customer Operations**
- 4. Receive and File Update on Programs**
- 5. Receive and File Update on Power Services**
- 6. Receive and File Update on Regulatory and Legislative Affairs**

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Public Comment on Consent Calendar

Regular Agenda

- 7. Vehicle-Grid Integration Update**
- 8. Solar Advantage Program Update**

Item No. 7

Vehicle-Grid Integration Update

Recommendation:

Receive and File Update on Vehicle-Grid Integration

Presenter:

Rachel Zook, VGI Program Manager

Overview

- With the prevalence of electric vehicles (EVs) in San Diego County, it is crucial for Community Power to both acknowledge and leverage the value that EVs can provide the grid.
- Vehicle-grid integration (VGI) is a critical component of the Flex Load Strategy. VGI encompasses the various methods of managing the interaction between EVs and the grid.
- Since the VGI strategy was presented to the Committee in April 2024, Community Power has made progress towards its implementation goals and further refined its strategy.

Why V1G?

We want to learn about V1G so we can answer important questions, including:

- What are the load shifting capabilities of electric vehicles (EVs)?
- What's the bulk system (and distribution operations) value of V1G?
- Can V1G be used to lower pilot participants' energy bills?
- Can we use V1G to reduce our resource adequacy (RA) obligations?
- What can we learn about the driving patterns and behavior of EV drivers?



March 2025

PCE EV Managed Charging Pilot Results

Electric Vehicle (EV) Flex Connect

Quick Facts

Pilot is for residential customers that charge their eligible EV at home at least half the time

\$50 enrollment incentive and \$5 monthly participation incentive

Progress

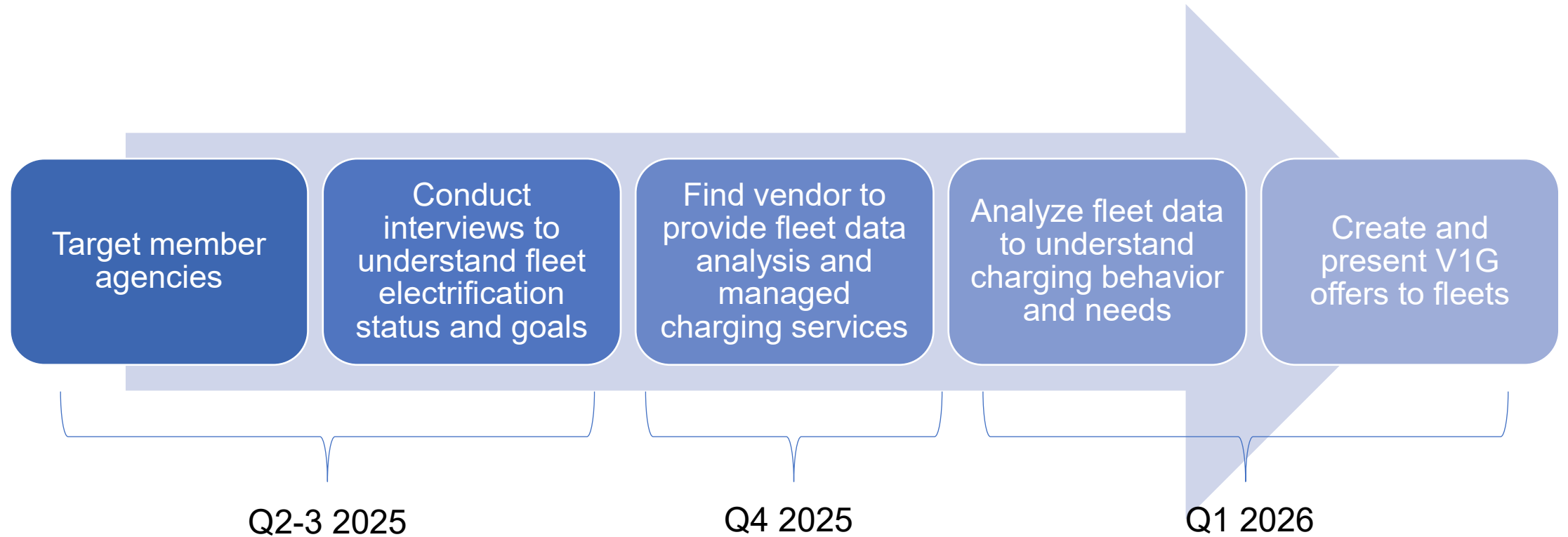
Optiwatt agreement executed in November 2024

Pilot launch in February 2025, over 100 participants enrolled

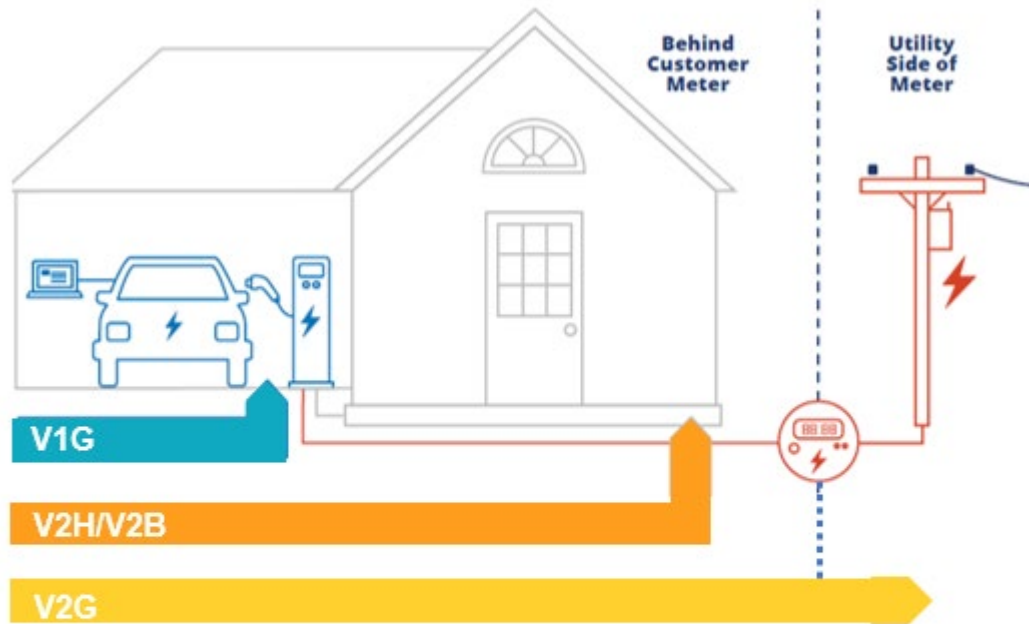
Ongoing coordination with SDG&E, California Energy Commission Grant Application

Plan to increase enrolled participants to 800 by end of 2025

Commercial V1G Opportunities



V2X Configurations



V1G: Interconnection *not* required.

V2H/V2B: May require interconnection agreement.

V2G: Requires interconnection agreement.

- V2H/V2B for backup, V2H/V2B for optimization (or V2G non-export), and V2G export have unique technical requirements and regulatory tracks.
- V2H/V2B for backup and V2H/V2B for optimization are two distinct functions.
- V2H/V2B for backup operates the electric vehicle (EV) as an islanded asset only. Interconnection is not required.
- V2H/V2B for optimization provides power from the EV to the building while grid-connected. Interconnection is required.

State of the U.S. Market and Next Steps

- **Technical**
 - Direct Current vs Alternating Current interconnection; interoperability issues
- **Cost and Compensation**
 - Expensive equipment + electrical upgrades + Electric Rule 21 study and agreement
 - Limited program/rate offerings
- **Perception**
 - School bus success stories; misleading announcements
- **What's Next for V2X?**
 - Residential demonstration focusing on V2G export and non-export
 - Community Power to champion smart solutions



Public Comment on Item No. 7

Item No. 8

Solar Advantage Program Update

Recommendation:

Receive and File Solar Advantage Program Update

Presenter:

Tessa Tobar, Programs Manager – Community Solar

Background

Previously named the Disadvantaged Communities Green Tariff (DAC-GT) program, Solar Discount program and Solar for Our Communities

June 2018

- The Disadvantaged Communities Green Tariff (DAC-GT) & Community Solar Green Tariff (CSGT) programs were created by the California Public Utilities Commission (CPUC)

September - November 2021

- Community Power requested capacity transfer from SDG&E for DAC-GT & CSGT programs
- CPUC accepted Community Power's allocation request of 14.39 MW for DAC-GT and 4 MW for CSGT

October 2022

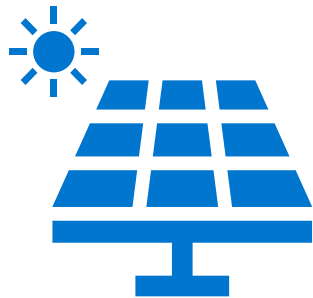
- Community Power submitted an Implementation Plan for DAC-GT & CSGT to the CPUC

March 2023

- CPUC established Community Power as Program Administrators

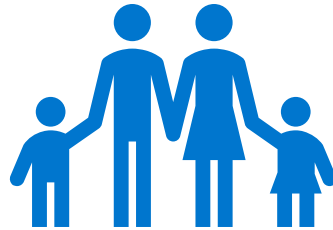
Benefits

100% RENEWABLE



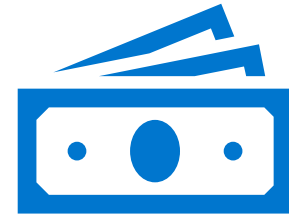
Supports **local renewable development** in and around Disadvantaged Communities

LOW INCOME



Benefits residences of those communities who are eligible for **CARE & FERA** discounts

BILL SAVINGS



Provides an additional **20% discount** on the customer's bills upon auto enrollment

Disadvantaged Communities (“DACs”)

The California Public Utilities Commission has defined eligible DACs as census tracts that either:

- Score \geq **75th percentile** statewide in CalEPA CalEnviroScreen 4.0, or
- Are one of the census tracts in the **highest 5 percent** of pollution burden.

Community Power has over **40 eligible census tracts** located in:

- Chula Vista
- National City
- City of San Diego

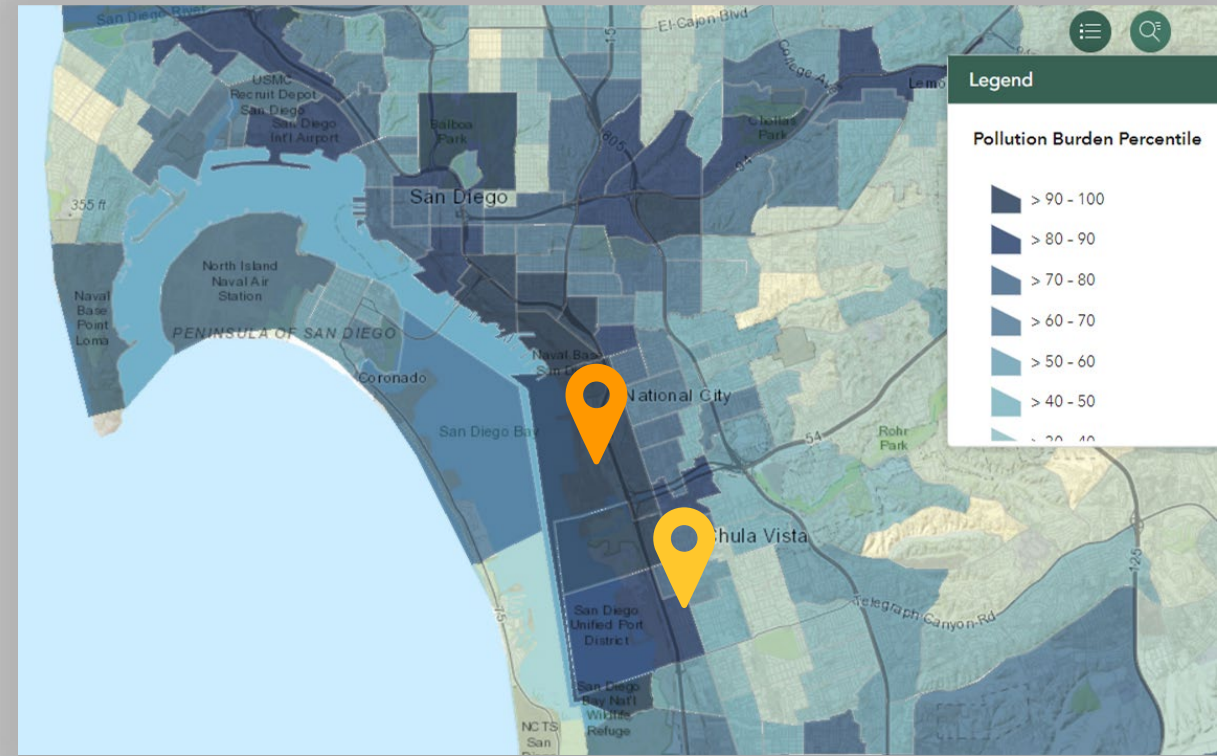
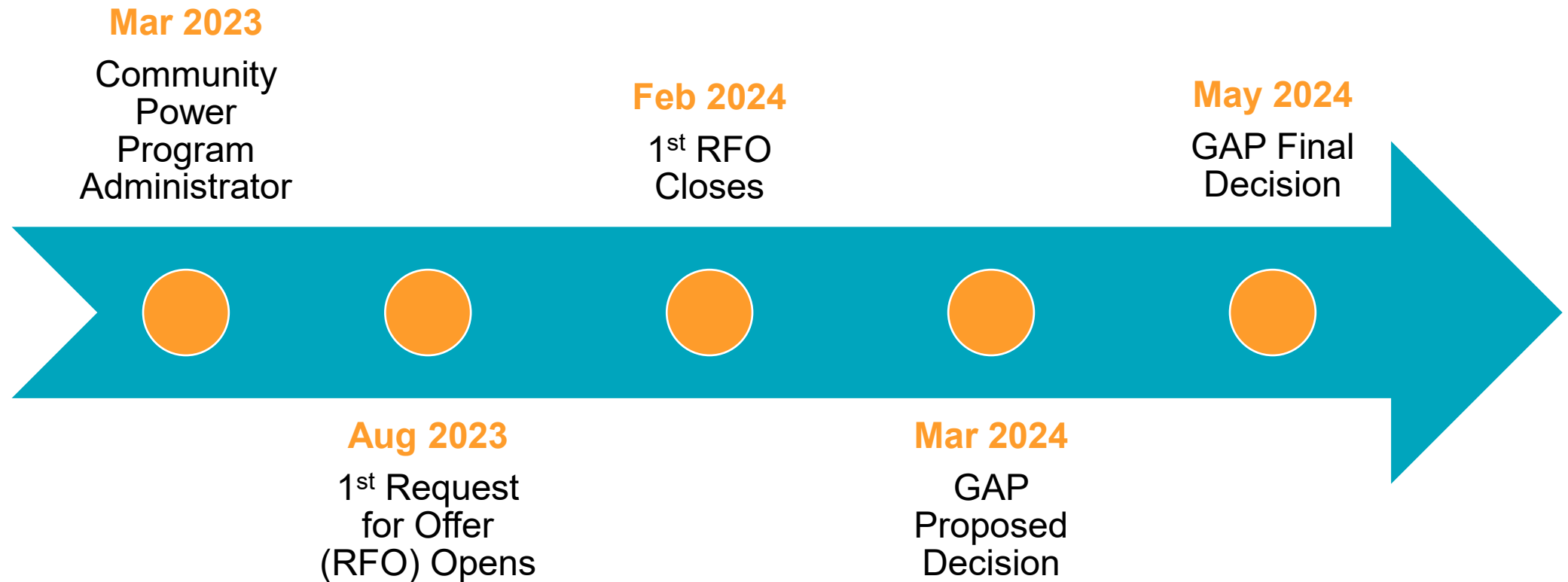


Figure 1: Eligible Project Locations in Community Power's Service Territory

Green Access Programs

Background & Timeline



Previously named the Disadvantaged Communities Green Tariff (DAC-GT) program, Solar Discount program and Solar for Our Communities

GAP Final Decision Impacts

What's New?

- Eliminated CSGT
- Transferred CSGT capacity to DAC-GT program (20.16 MW)
- Voluntary inclusion of storage
- Cost cap update coming soon
- Projects can be located within 5 miles of a DAC
 - **Blue areas:** Original eligible project locations before GAP Decision
 - **Green areas:** New 5-mile buffer zones now available for projects after GAP Decision

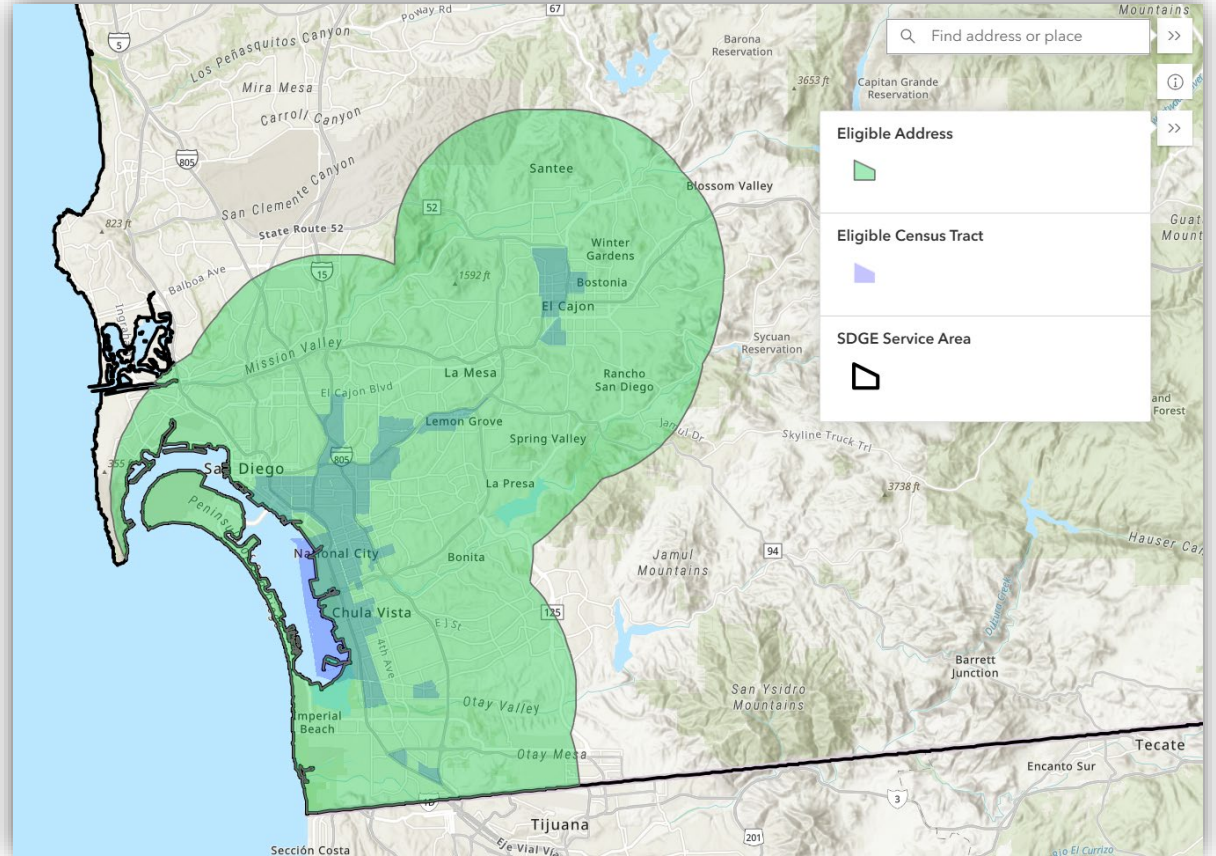


Figure 2: Expanded Project Eligibility Areas

Request for Offer #1 Results

- Received **10 project** bids from 2 developers
 - ~~6 for CSGT~~ (no minimum)
 - **4 for DAC-GT** (500-kW project min)

4.61 MW total capacity on track to be commissioned

- **Luminia PPA:** Board approved (January 2025)
- **1st Light PPA:** In negotiations, targeting May 22 Board approval

Achievements:

- Secured **~25%** of our **total eligible capacity** (20.6 MW) in first solicitation
- Will serve **~25%** of our **eligible customers** (9,000 total)

Outcome: ~2k households to be served across **4 projects**

- All residential customers enrolled in CARE or FERA programs
- All located in Disadvantaged Communities (DACs)
- 20% immediate bill savings upon auto-enrollment

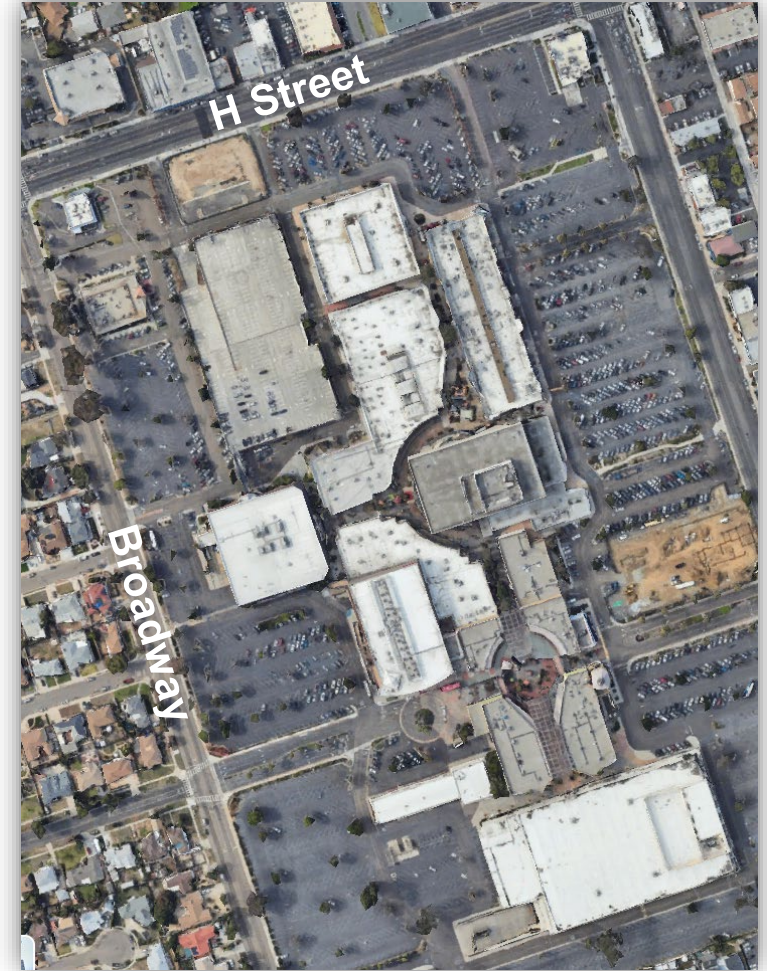
First Approved Project

Luminia CA DevCo 4, LLC

- **1.7 MW** rooftop and carport canopy solar installation in Chula Vista
- First carport canopy Photovoltaic installation in California under the program
- Will serve approximately **750** eligible residential **customers**

Project benefits

- **\$1.75 MM** in **property improvements** and rents over 20 years
- Over **\$1 MM** in **local labor** wages during construction
- Commitments for local labor utilization and prevailing wages
- Community outreach and educational initiatives



*Figure 3: Chula Vista Retail Center
555 Broadway, Chula Vista CA 91910*

Customer Auto Enrollment

Eligibility

- ✓ Residences that live in a top 10% of DACs as defined by CalEnviroScreen 4.0
- ✓ Currently enrolled in either the CARE or FERA program

Enrollment Priority System

Priority 1: Customers with 4+ full/partial payments in last 8 months

Priority 2: Customers with 3 full/partial payments in last 8 months

Priority 3: Customers with 2 full/partial payments in last 8 months

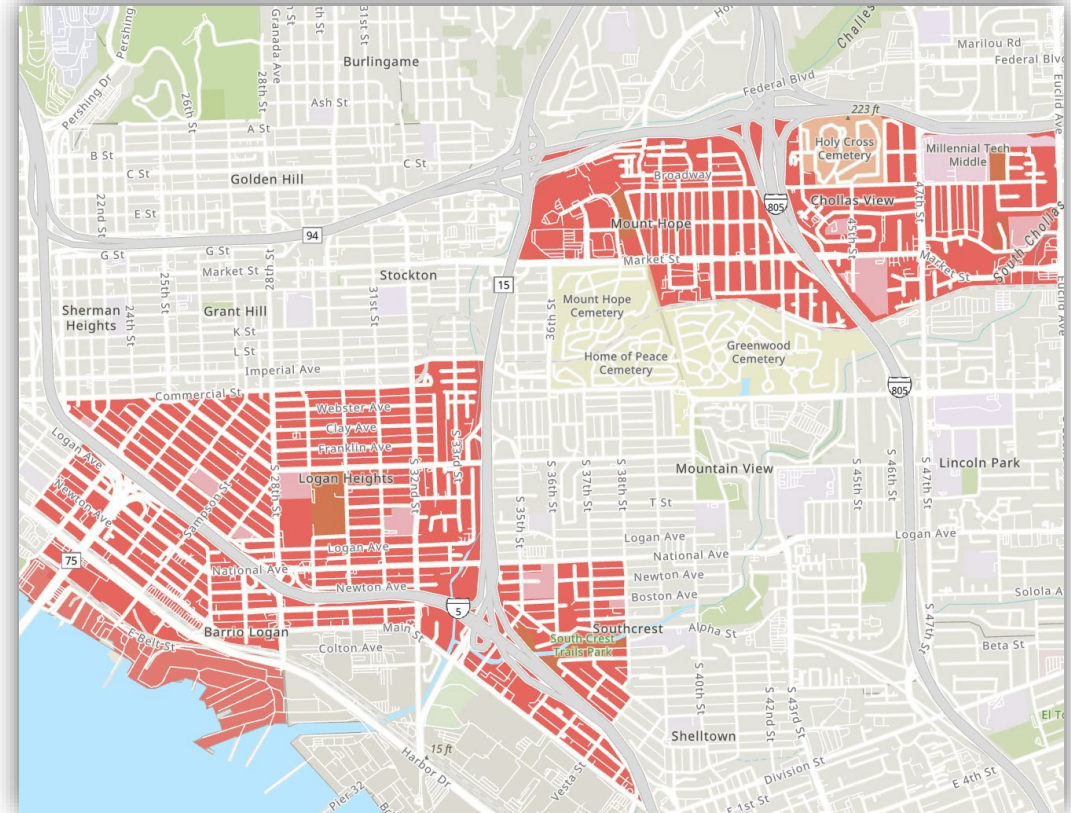
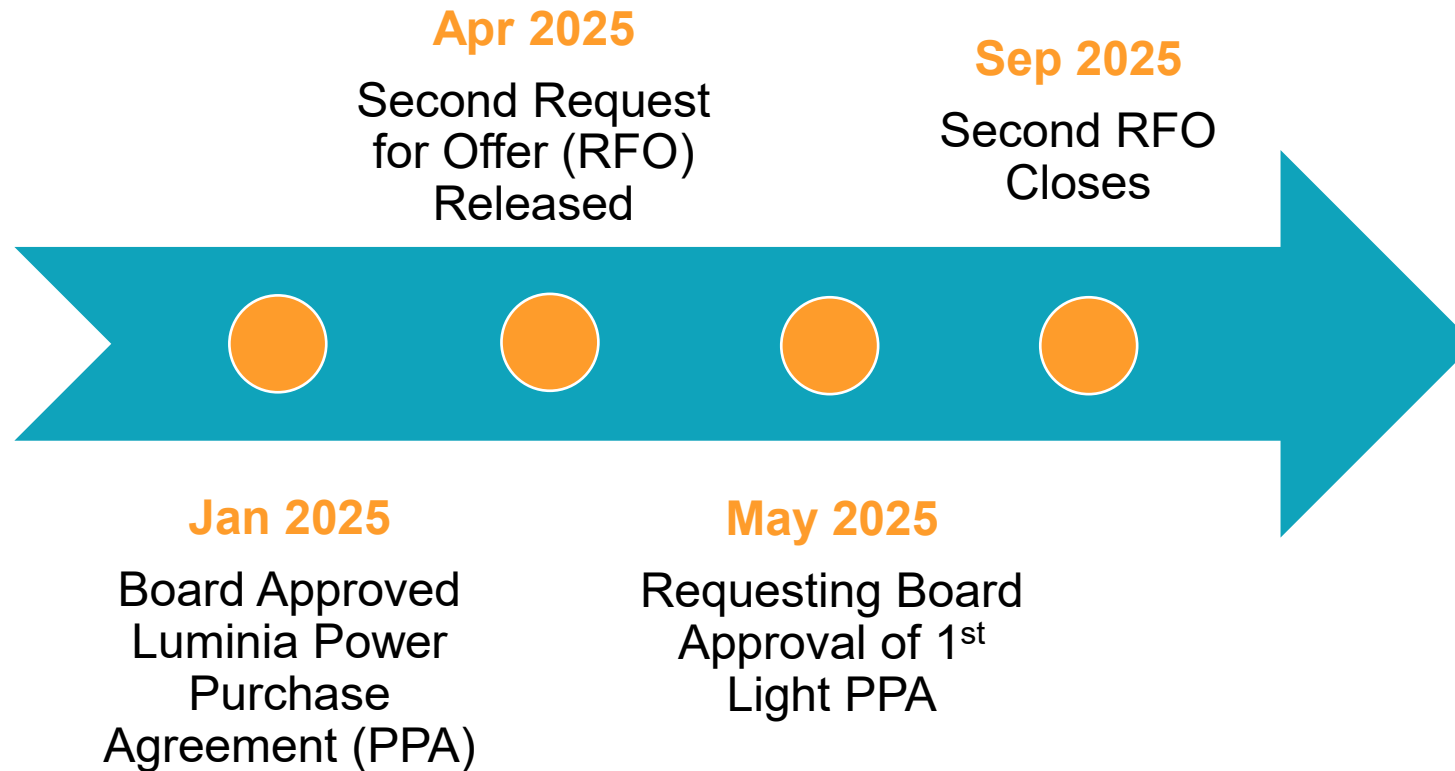


Figure 4: Eligible customers in Barrio Logan, Logan Heights, Southcrest, Mount Hope, and Chollas View will be auto-enrolled and receive immediate bill reductions beginning in Q3 2027 when projects come online.

Program Implementation Milestones

Background & Timeline



Next Steps

Project Procurement (Q3 – Q4 2025)

- Second Request for Offer (RFO) closes
- Evaluation of second RFO bids
- Third RFO release & close

Project Development (2026 – 2027)

- Construction and commissioning of first RFO projects

Customer Enrollment (Q3 2027)

- Luminia project reaches Commercial Operation Date
- Customer auto-enrollment and bill reductions begin

Additional RFOs as needed to fulfill the remaining **15.55 MW** allocation



Public Comment on Item No. 8

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Discussion of Potential Agenda Items for Board of Directors Meetings

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Committee Member Announcements



Adjournment



Next Regular Community Advisory Committee Meeting

June 12, 2025

