

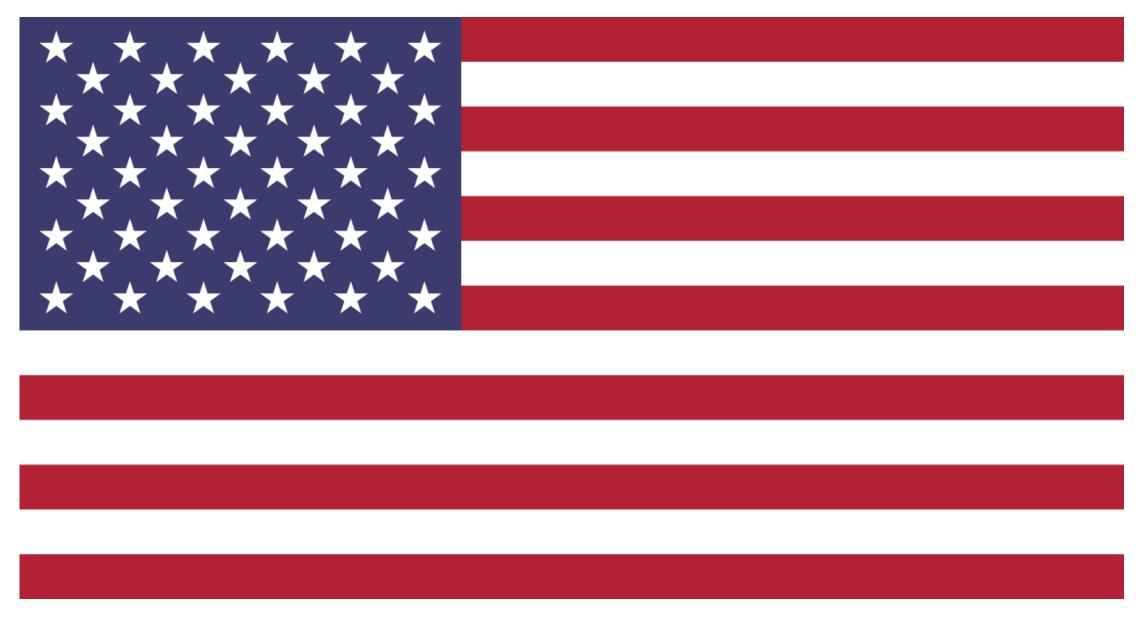
Community Advisory Committee

Regular Meeting May 11, 2023















WELCOME

Lea Nepomuceno Community Advisory Committee Member SDCP Welcomes You!





Regular Meeting Agenda

- 7. Approval of April CAC Meeting Minutes
- 8. Appointments to the Community Advisory Committee's new Programs Ad Hoc Committee
- 9. Appointments to the Community Advisory Committee's new Community & Equity Ad Hoc Committee
- 10. Recommend to the Board Adoption of the Community Power Plan
- 11. Receive Update on Pilot Programs
- 12. Receive Update on Public Relations
- 13. Receive Update on Customer Operations
- 14. Standing Item: Update on CAC Fiscal Year 2022-2023 Work Plan
- 15. Standing Item: Discussion of Potential Agenda Items for Board of Directors Meetings
- 16. Committee Member Announcements

Consider Approval of April CAC Meeting Minutes

Recommendation:

Approve the April CAC Meeting Minutes

Presenter:





Consider Approval of April CAC Meeting Minutes

Recommendation:

Approve the April CAC Meeting Minutes

Presenter:



Appointments to the Community Advisory Committee's new Programs Ad Hoc Committee

Recommendation: Appoint five or fewer members of the CAC to the ad hoc committee

Presenter:



About Ad Hoc Committees

- Per law, ad hoc committees serve only a limited or single purpose, they are not perpetual and they
 are dissolved when their specific task is completed.
- These meetings are not subject to the Brown Act.
- The first meeting of the committee will take place before the next CAC meeting on June 8.
- Actual meeting dates will be determined by the members after they are appointed.
- Meeting frequency will be monthly.
- The ad hoc committee will be responsible for a presentation to the larger CAC monthly.
- The continuation or dissolution of the ad hoc committee will be discussed at the December CAC meeting.



Programs Ad Hoc Committee Purpose

- Provide meaningful, focused feedback to the Board of Directors about programmatic offerings and outreach.
- Work closely with the SDCP Programs team to do deep dives on upcoming offerings.
- Make recommendations on outreach opportunities across communities.
- Act as the first group of volunteers for program evaluation committees, such as the Community Clean Energy Innovation Grant committee



Ad Hoc Committee Nomination Process

- CAC members may nominate themselves or others. Nominations require a second.
- If five or fewer CAC members are nominated, a CAC member can make a motion to appoint all of them on a single slate. A second will be required to proceed with the vote.
- If there are six or more CAC members who are nominated, then each member will need to be voted on individually.



Appointments to the Community Advisory Committee's new Programs Ad Hoc Committee

Recommendation: Appoint five or fewer members of the CAC to the ad hoc committee

Presenter:





Appointments to the Community Advisory Committee's new Community & Equity Ad Hoc Committee

Recommendation: Appoint five or fewer members of the CAC to the ad hoc committee

Presenter:



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Community & Equity Ad Hoc Committee Purpose

- Provide meaningful, focused feedback to the Board of Directors about a variety of SDCP efforts.
- Help develop a checklist or framework that can assist the Board of Directors, SDCP staff and potential development partners in assessing a developer's community engagement and outreach efforts early in the power procurement process.
- Help develop a volunteer pool to expand community outreach efforts.



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Appointments to the Community Advisory Committee's new Community & Equity Ad Hoc Committee

Recommendation: Appoint five or fewer members of the CAC to the ad hoc committee

Presenter:



Recommend to the Board Adoption of the Community Power Plan

Recommendation:

Recommend to the Board Adoption of the Community Power Plan

Presenter:

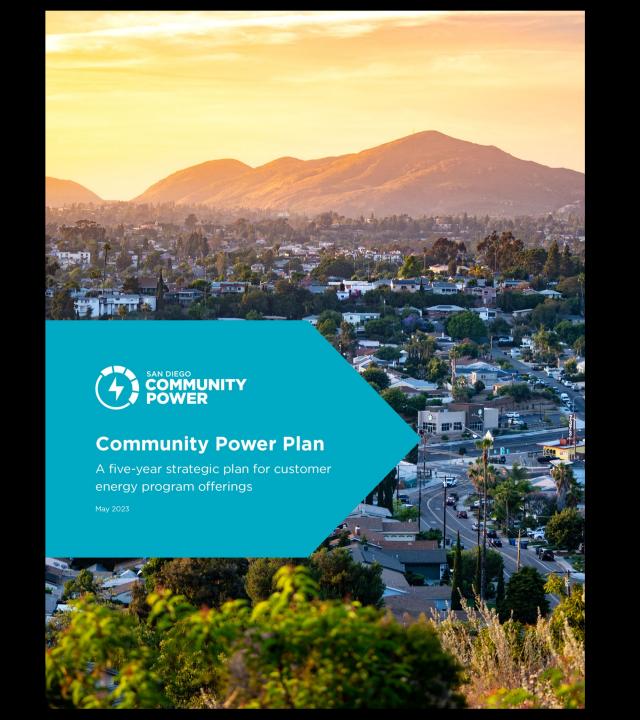
Nelson Lomeli, Program Manager

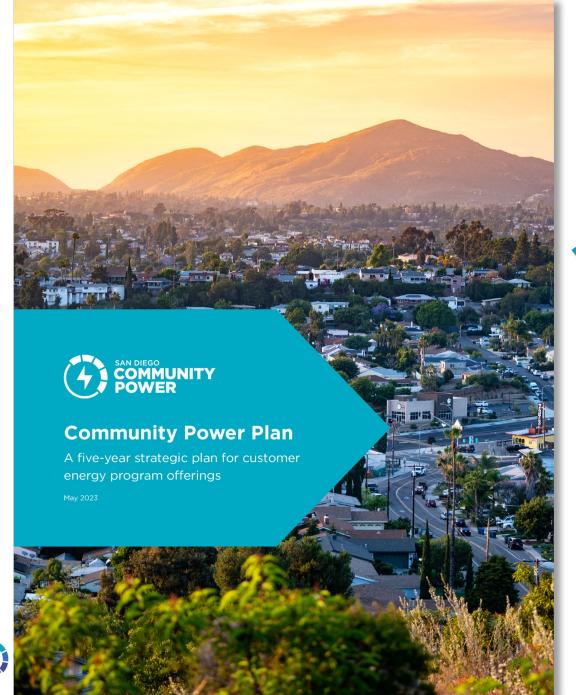


Timeline

Release Community Survey **Assess Power Plan for** Engage community to Report back to programs and public comment with community determine the community draft and present for most prioritized Community members on findings Board Power Plan issues adoption **Listening Sessions** Database of Co-hosted with possible Community-wide community-based (222) programs Reporting Survey organizations results of Interest groups survey & Community Ranked list of listening priorities and General public programs sessions program **Community Power Plan** that meet interest Businesses needs Q3 2022 Q1 & Q2 2023 Q3 & Q4 2022 Q4 2022

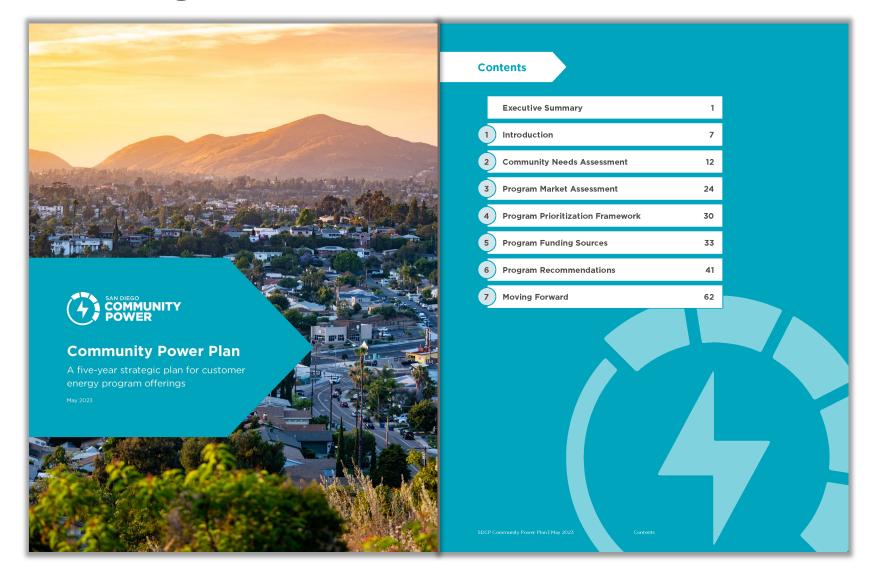














Community Needs Assessment

Chapter 2

Program Market Assessment

Chapter 3

Program Prioritization Framework

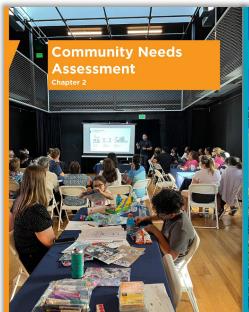
Chapter 4

Program Funding Sources

Chapter 5

Program Recommendations

Chapter 6













6.2 SDCP's Commitment to Communities of Concern

SDCP is committed to supporting populations historically underrepresented in energy program participation and receiving associated benefits. As such, SDCP will commit at least 50% of a program's non-administrative budget, to the extent allowed by funding sources, to participation from Communities of Concern. SDCP will center Communities of Concern in program design to enable participation by all customers. It's important to note that while SDCP will follow the commitment with internal funds, it may not be possible with external funds due to specific rules and regulations

Communities of Concern are defined as communities identified by California Climate Investments (Assembly Bill 1550 and Senate Bill 535) that includes disadvantaged communities identified by CalEnviroScreen 4.0 and low-income communities and households with incomes either at or below 80% of the statewide median or below a threshold designated as low-income by the Department of Housing and Community Development, as well as the additional census tracts identified by the cities of San Diego and Chula Vista through their Climate Equity Index reports. Specifically, the City of San Diego identified these census tracts as areas with very low, low, and moderate access to opportunity. Meanwhile, the City of Chula Vista defined them as the top 25% scoring areas within its own analysis. If other member agencies were to identify additional census tracts in the future as the cities of San Diego and Chula Vista have, SDCP would recognize those designations under the umbrella of Communities of Concern.



An aerial photo of San Diego Bay, including the communities of Barrio Logan and Logan Heights in the City San Diego — two Communities of Concern.

SDCP Community Power Plan | May 2023

Program Recommendations

Workforce Development

Workforce development and a just transition have become increasingly important in California and nationally. Ambitious state and local clean energy goals continue to increase the expected demand for renewable energy and related clean energy technologies. These trends create a need for a skilled workforce to support the development, installation, and operation of clean energy projects and technologies. As new jobs are created, it is imperative to support the equitable distribution of those economic benefits and to enable a just transition for workers in fossil fuel dependent industries.

SDCP is committed to supporting the just and equitable development of a clean energy workforce. Identifying SDCP's role in supporting the just transition initiatives and more generally in the regional workforce development ecosystem is the first step. Effective workforce development initiatives can fill training gaps and enable the skilled workforce necessary to achieve clean energy goals. Additional benefits include providing career opportunities and economic benefits to local communities, especially Communities of Concern, as workers gain skills and experience that can be applied across a range of clean energy-related industries.

To guide internal business decisions, SDCP has adopted an Inclusive and Sustainable Workforce Policy. This policy enables several goals outlined in the organization's founding documents, including:

- Demonstrating economic benefits to the region, including prevailing wage jobs and local workforce development:
- 2. Supporting a stable, skilled, and trained workforce; and
- 3. Promoting supplier and workforce diversity, including returning veterans and those from Communities of Concern, to the extent permissible by Proposition 209.



SDCP Community Power Plan | May 2023

Program Recommendations

Short-term Program Types (FY 23/24 – FY 24/25)

Energy Awareness and Education

Application Assistance

Disadvantaged Communities Green Tariff and Community Solar Green Tariff

Pilot Programs

Grant Programs

Mid-term Program Types (FY 25/26 – FY 26/27)

Building Electrification: Appliances

Building Electrification: Heat Pump Technologies

Distributed Energy Resources: Energy Storage

Systems

Distributed Energy Resources: Demand Responses

Energy Efficiency

Transportation Electrification: Infrastructure

Transportation Electrification: Light-Duty Vehicles

Transportation Electrification: Medium- and Heavy-

Duty Vehicles



Next Steps

- Following CAC action, the Board of Directors will consider adoption of the Community Power Plan at their May 25 2023 meeting
- Pending adoption, the final Community Power Plan will be uploaded to SDCP's website (in English, Spanish, and Tagalog), along with a survey data portal
- The Community Power Plan, as a strategic document, will guide SDCP in the selection and development of program offerings going forward
 - Already starting work on Item 11 Pilot Programs
- The Community Power Plan is expected to be updated in five years to ensure SDCP programmatic activity continues to align with community needs and priorities, and organizational goals



Thank you!

A special thank you to CAC members **Carolyn Scofield** and **Matthew Vasilakis** for their expertise, guidance, and help.

Thank you to all CAC members for your help engaging with communities throughout this process.

A big thanks to the community itself for participating in listening sessions, workshops, and the survey. The Community Power Plan would not be possible without their input.

A huge thanks to our community-based organizations for their help co-hosting listening sessions.















Action:

Take a vote

Recommendation:

Recommend to the Board Adoption of the Community Power Plan

Presenter:

Nelson Lomeli, Program Manager



Receive Update on Pilot Programs

Recommendation:

Receive and File Update on Pilot Programs

Presenter:

Colin Santulli, Director of Programs



Pilot Programs

Design & Funding Considerations

- Test innovative program concepts and/or business models
- Answer questions related to program implementation (e.g., program design, delivery, and customer acceptance) before attempting to scale a program
- Opportunity to partner, support, and learn from community-based organizations

Description & Benefits

- Integrate opportunities to capture lessons learned (e.g., data capture, performance evaluations, on-going stakeholder dialogue)
- Fund smaller projects from SDCP revenues and seek external funding to scale or maximize impact



General Categories for Potential Pilot Programs

1) Building Electrification

- Appliances
- Heat Pump Technology

2) Distributed Energy Resources

- Energy Storage Systems
- Demand Response

3) Energy Efficiency

4) Transportation Electrification

- Infrastructure
- Light-Duty Vehicles
- Medium- and Heavy-Duty
 Vehicles



Building Electrification Pilot Example Concepts

Building Electrification: Appliances & Heat Pump Technology

Pilot Example Concepts

- 120V Heat Pump Water Heater Direct Install
- 120V Induction Stove Incentive
- All-Electric Readiness Audit Reports
- Emergency Water Heater Loaner Program







120V Heat Pump Water Heater (HPWH) Direct Install

Market Barrier/Gap Filled

- Standard HPWH requires a 240V service
- May require increased electrical capacity, new electrical line, and/or panel upgrade
- Lack of incentives/funds for panel upgrades at existing homes

- Test out a 120V HPWH to see if it meets customer hot water demands
- Determine cost-savings to install a 120V product compared to a 240V HPWH (including potential panel/electrical upgrades)



Emergency Water Heater Loaner Program

Market Barrier/Gap Filled

- Most water heaters are only replaced when they fail
- Scheduling electricians/contractors and receiving permits can take weeks—not feasible to go that long without hot water
- Allows residents to restore hot water while enabling fuel-switching
- Gives the resident more time to complete the upgrades to install a HPWH

- Provides a loaner gas water heater to be installed in "emergency" situations when a water heater fails
- In the meantime, electrical upgrades/permit work is completed to support a "permanent" HPWH
- Loaner gas water heater is uninstalled (and reused) when HPWH is installed



120V Induction Stove Incentive

Market Barrier/Gap Filled

- Electric induction stoves require 220/240V outlets
- May require increased electrical capacity, new electrical line, and/or panel upgrade
- Lack of incentives/funds for panel upgrades at existing homes



- Test out a 120V full range, 4-"burner" induction stove
- Provide the same performance of a 220/240V stove while only using a standard 120V outlet
- Includes built-in battery and may be able to be used for demand response
- Determine if its more cost-effective to install a 120V product compared to panel/ electrical upgrades required for 220/240V option



Distributed Energy Resources Pilot Example Concepts

Distributed Energy Resources: Energy Storage Systems & Demand Response

Pilot Example Concepts

- Disadvantaged Communities—Single-Family Affordable Solar Homes (DAC-SASH) Roof Repair
- Self Generation Incentive Project (SGIP) Battery Storage Gap Funding
- Smart Thermostat Incentive



Disadvantaged Communities—Single-Family Affordable Solar Homes (DAC-SASH) Roof Repair

Market Barrier/Gap Filled

- Participation in State-funded rooftop solar incentive programs requires a roof in good condition
- State programs, like DAC-SASH, don't allow for funds to be used for roof repairs
- ~50% of potential DAC-SASH participants can't participate based on roof or panel incompatibility

- Fund roof repairs for homes otherwise able to participate in DAC-SASH
- Allows for more State funding to flow into San Diego neighborhoods







Smart Thermostat Incentive

Market Barrier/Gap Filled

- Participation in demand response in unincorporated County
- No current offering of a free smart thermostat for customers not enrolled in California Alternate Rates for Energy Program (CARE) and Family Electric Rate Assistance Program (FERA) programs



- Provide a smart thermostat to customers in Communities of Concern not enrolled in CARE and FERA programs because those customers are eligible for a free device through SDG&E
- Provide technical assistance and enroll customers in OhmConnect





Energy Efficiency Pilot Example Concepts

Energy Efficiency

Pilot Example Concepts

- Energy Kits for Kids
- ENERGY STAR Refrigerator Swap Out
- Time-of-Use Awareness Light switch



Energy Kits for Kids

Market Barrier/Gap Filled

- Energy literacy of K-12 directed towards students and their families while providing incentives to classrooms
- No current offering



- Offer "kits" to elementary school students with energy efficiency items to take home and install with an adult
- Can help families save money and energy
- Can include incentive to participate (e.g., if a certain % of students participate, classroom can earn \$1,000 incentive to use at their discretion)



ENERGY STAR Refrigerator Swap Out

Market Barrier/Gap Filled

- Small commercial customers are consistently hard to reach for energy programs participation and engagement
- California Department of Food and Agriculture (CDFA) currently has a grant available for small businesses to get free refrigerators – limited participation to date
- SDG&E closed their small commercial program
- Statewide third-party program offers rebates at point of sale (\$50-100/unit)

- Apply for CDFA grant on behalf of customers and facilitate the equipment upgrade
- Provide energy efficient refrigerators to corner stores in Communities of Concern and encourage them to stock stores with healthier food options





Transportation Electrification Pilot Example Concepts

Transportation Electrification: Infrastructure, Light-Duty Vehicles, & Medium- and Heavy-Duty Vehicles

Pilot Example Concepts

- Technical Assistance for Public Fleet Conversion
- Managed Electric Vehicle Charging
- Level 2 Electric Vehicle Charging Incentive for Renters
- Level 1 Electric Vehicle Charging at Multi-Family Buildings



Managed Electric Vehicle Charging

Market Barrier/Gap Filled

- Customers plugging in their car after work during super on peak times that is more expensive and dirtier than off peak
- Shifting charging to when power is cleaner and/or more affordable



- Provide upfront and monthly incentives to customers for charging their electric vehicles during "low-carbon" events
- Customers can download an app, enter their utility account information, and connect their vehicle or charger using existing manufacturer login details



Level 2 Electric Vehicle (EV) Charging Incentive for Renters

Market Barrier/Gap Filled

- New Clean Cars 4 All vehicle incentive program includes charging incentive element
- Incentivized EV charging stations required to be permanently hardwired to the residence
- Renters are more likely to move and need charging at their new home to support their EV
- A non-hardwire "portable" EV charger would allow residents to take the charger with them when they move
- The NEMA 14-50 plug would give future residents the confidence to switch to an EV

- Participants of Clean Cars 4 All incentivized to install a 240V NEMA 14-50 outlet and a purchase a "portable" L2 EV charging station
- Participants would have SDCP support the installation of a NEMA 14-50 outlet
- Participants would receive an incentive to purchase an EV charger







Next Steps

Next Steps

- Present update on pilot programs to the Board of Directors
- Include budget request in FY 23-24 budget to implement pilot programs
- Staff will develop a decision-making rubric to inform objective selection of pilot program concepts for implementation
- Staff will work with the CAC Programs Ad-Hoc committee on pilot programs and bring back updates to the CAC in future meetings
- Development of pilot programs will be staggered throughout the fiscal year





Action:

Receive and File

Recommendation:

Receive and File Update on Pilot Programs

Presenter:

Colin Santulli, Director of Programs



Receive Update on Public Relations

Recommendation:

Receive and File Update on Public Relations

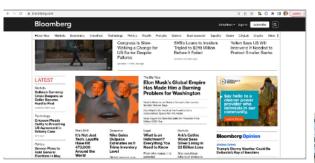
Presenter:

Jen Lebron, Director of Public Affairs

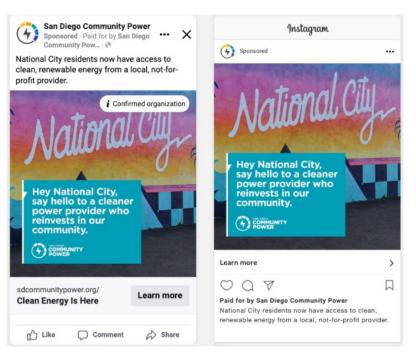


Enrollment Campaign Metrics

- 15,000+ clicks and engagements on online ads
- 5 million impressions from convenience store and billboards in first 30 days
- Updated metrics will be received next week









Community Outreach

 Nearly 100,000 people have attended engagement efforts since the last CAC meeting







Speaking Engagements

- **Uncaged Podcast**
- **League of Women Voters**





Changes are afoot in the way San Diegans will get electricity with the goal of decreasing green-house gas emissions. Community choice energy companies will be bringing more renewable energy to the region, while SDG&E's role will be changing. Join us for an informative webinar where you can learn about the future of San Diego's electricity

We are pleased to feature the following panel of experts with Moderator Rob Howard:



Communications & External Affairs Orange County Power Authority





CEO, San Diego Community Power CEO, Clean Energy Alliance

MORE EVENT INFO:

San Diego Community Power,

Clean Energy Alliance and Your Electric Bill

Tuesday, April 25, 2023 6:00-7:30PM

Register for Zoom Webinar https://bit.ly/LWVNCSD_CCE

Please register today.

For more details

Call: (760) 736-1608 or email: info@lwvncsd.org www.lwvncsd.org





Receive Update on Public Relations

Recommendation:

Receive and File Update on Public Relations

Presenter:

Jen Lebron, Director of Public Affairs



Receive Update on Customer Operations

Recommendation:

Receive and File Update on Customer Operations

Presenter:

Lucas Utouh, Director of Data Analytics & Account Services



Participation Rates

Participation by Accounts



Participation by Accounts

All Phases

96.1%

Participation Phases 1-3							
Town/Territory	Eligible	Opt Outs	Participation by Accounts				
City of Chula Vista	96,830	3,878	96.0%				
City of Encinitas	28,435	1,968	93.1%				
City of Imperial Beach	10,913	375	96.6%				
City of La Mesa	29,362	1,355	95.4%				
City of San Diego	617,471	20,441	96.7%				
Total	783,011	28,017	96.4%				

Participation Phase 4							
Town/Territory	Eligible (Noticed)	Opt Outs	Participation by Accounts				
County of San Diego	145,011	8,453	94.2%				
National City	18,277	169	99.1%				
Total	163,288	8,622	94.7%				



5/8/2023

Refreshed

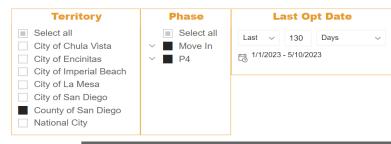
Active accounts only. Opt-outs for inactive accounts have been excluded



Phase 4 Opt-Out Trends: County of SD

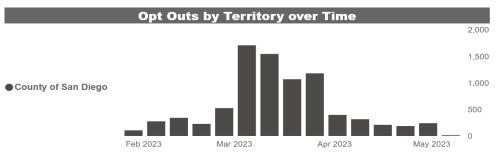
Opt Out Summary



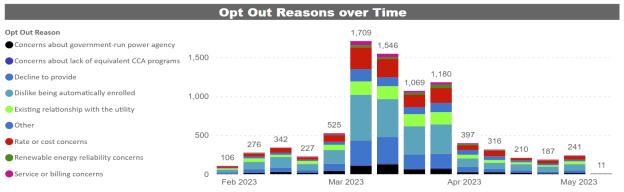


Opt Ou	ıts by C	lass	and F	
Class Code	Move In	P4	Total	
⊕ Commercial/Industrial	1	909	910	
Residential		7,396		
Total	37	8,305	8,342	

Opt Outs	by Terr	itory	and
Territory	Move In	P4	Total
County of San Diego	37	8,305	8,342
Total	37	8,305	8,342



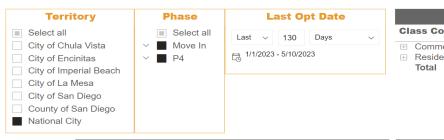
Opt Out Reasons by Phase							
Opt Out Reason	Move In	Р4	Total				
Dislike being automatically enrolled	5	2,757	2,762				
□ Decline to provide	10	1,437	1,447				
⊞ Rate or cost concerns	6	1,327	1,333				
	8	1,012	1,020				
⊕ Other	7	758	765				
⊕ Concerns about government-run power agency		552	552				
Service or billing concerns		216	216				
⊞ Renewable energy reliability concerns		193	193				
⊕ Concerns about lack of equivalent CCA programs	1	53	54				
Total	37	8,305	8,342				





Phase 4 Opt-Out Trends: National City



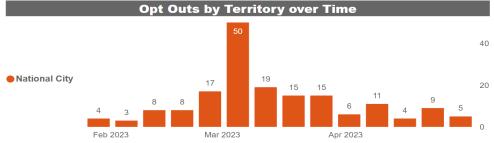


Opt Out Summary

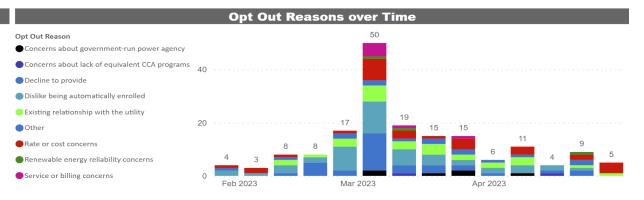


Opt Outs by Class and Rate			Opt Out Method		
Class Code	Move In	P4	Total		
⊕ Commercial/Industrial		23	23		CSR
⊞ Residential	2	149	151		, serv
Total	2	172	174		
					Web —
					— IVR

Opt	Outs by	y Te	errito
Territory	Move In	P4	Total
National City	2	172	174
Total	2	172	174



Opt Out Reasons by Phase							
Opt Out Reason	Move In	P4	Total ▼				
Dislike being automatically enrolled		49	49				
Decline to provide	1	33	34				
Rate or cost concerns	1	29	30				
 Existing relationship with the utility 		28	28				
⊕ Other		15	15				
Service or billing concerns		7	7				
⊕ Concerns about government-run power agency		6	6				
Renewable energy reliability concerns		3	3				
 Concerns about lack of equivalent CCA programs 		2	2				
Total	2	172	174				







Standing Item: Update on CAC Fiscal Year 2022-2023 Work Plan

Recommendation:

Receive and File Update on CAC Fiscal Year 2022-2023 Work Plan

Presenter:

Jen Lebron, Director of Public Affairs



Community Advisory Committee (CAC) Work Plan for Fiscal Year 2022 - 2023

Equity Overview

CAC Educational Presentations

Legislative/ Public Policy/
Regulatory

Equitable, Inclusive and Sustainable Workforce Policy

Energy Bid
Evaluation Criteria

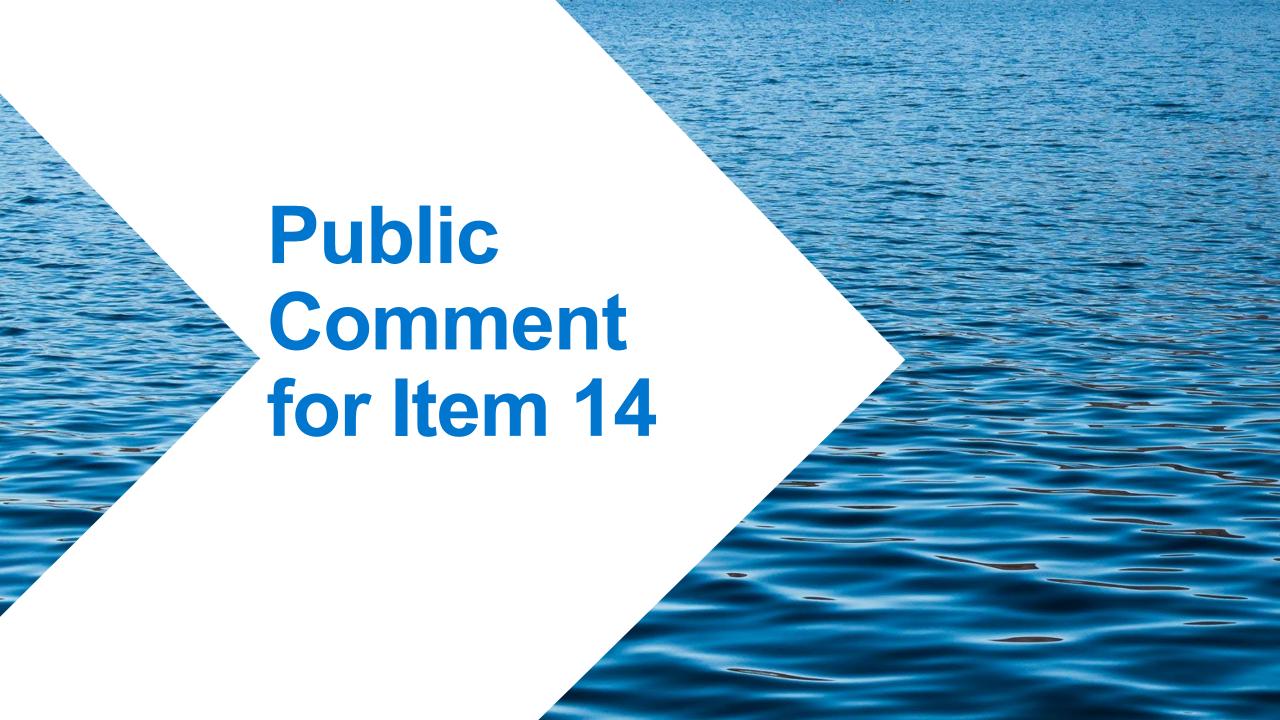
Marketing and Communications

Power Procurement Efforts

Community Power Plan

DAC-GT & CS-GT





Standing Item: Discussion of Potential Agenda Items for Board of Directors Meetings

Committee Member Announcements

Adjournment



Community
Advisory
Committee

Next Meeting
June 8th, 2023

