

Community Advisory Committee

Regular Meeting February 10th, 2023 Regular Meeting Agenda

- 1. Welcome
- 2. Roll Call
- 3. Public Comment for Items Not on the Agenda
- 4. Items to be Withdrawn, or Reordered on the Agenda
- 5. Receive Update on the Community Power Plan
- 6. Receive Update on REN Process
- 7. Discuss NEM 3.0 Decision
- 8. Receive Update on Public Relations and Back-Office Operations
- 9. Receive Update on 2023 Brown Act and Discuss Remote Teleconferencing Policy
- 10. Approval of 2023 CAC Regular Meeting Schedule
- 11. Standing Item: Discussion of Potential Agenda Items for Board of Directors Meetings
- 12. Committee Member Announcements
- 13. Adjournment

Item 5

Receive Update on the Community Power Plan

Presenter:

Nelson Lomeli, Program Manager



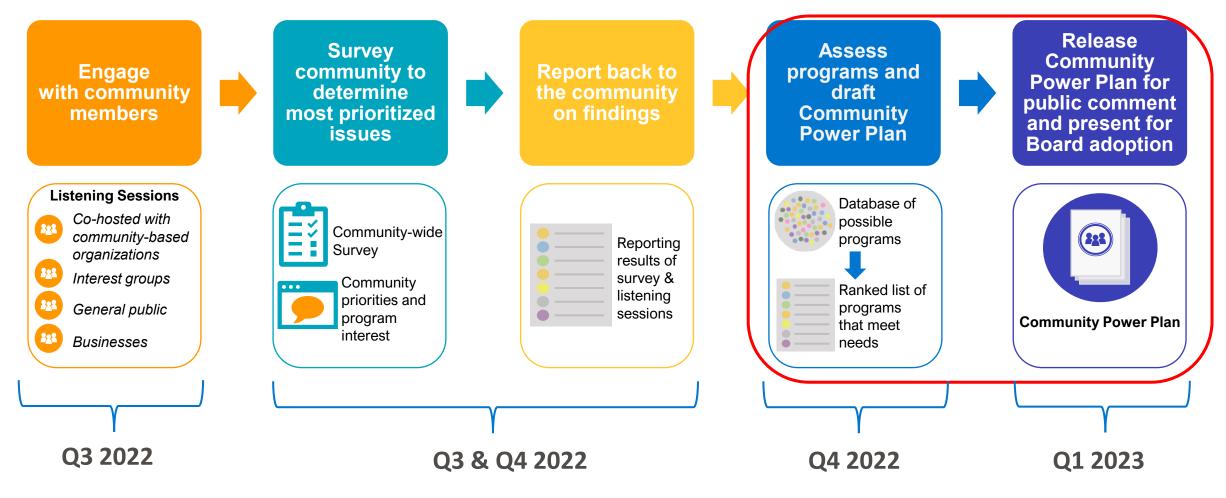
Community Power Plan

SDCP's five-year strategic plan for customer energy programs











Program Strategy

Short-Term FY23/24 – FY24/25

- Fill immediate needs on customer education and awareness
- Access available programs currently underutilized
- Leverage existing external funding and/or minimal SDCP funding commitment
- Pilots to prepare for mid-term broader incentive programs
- **Examples:** Community solar, customer education initiatives, application assistance, etc.

Mid-Term FY25/26 – FY26/27

- External funding sources
 developed
- Better positioned to direct internal revenues to customers via programs
- Require more time to establish or for funding to start flowing
- Require identifying and/or gathering additional data
- **Examples:** Equipment rebates and incentives, energy efficiency programs, etc.

Long-Term FY27/28+

- More complex program design
- Unique rates that require established presence with customers
- Support emerging emissionreducing technologies
- Update customer preferences
 and market data
- **Examples:** Innovative financing, rate design, etc.



Communities of Concern Commitment

- SDCP is committed to supporting populations historically underrepresented in energy program participation/receiving associated benefits
- SDCP will center Communities of Concern in program design to enable participation by all customers

SDCP is proposing to commit **50% of a program's non-administrative budget** to participation from Communities of Concern



Recommended Program Types

- More than SDCP can deliver in five years and should not be viewed as a *"to-do"* list
- List provides SDCP with the confidence to target a core set of program options, the flexibility to codesign programs with community partners, and to be responsive to external funding opportunities as they emerge

Short-Term Program Types (FY23/24-24/25)						
Customer Energy Awareness and Education						
Application Assistance						
Disadvantaged Communities Green Tariff and Community Solar Green Tariff						
Pilot Programs						

Mid-Term Program Types (FY25/26-26/27)						
Building Electrification: Appliances						
Building Electrification: Heat Pump Technology						
Distributed Energy Resources: Energy Storage Systems						
Distributed Energy Resources: Demand Response						
Energy Efficiency						
Transportation Electrification: Infrastructure						
Transportation Electrification: Light-Duty Vehicles						
Transportation Electrification: Medium- and Heavy-Duty Vehicles						



Short-Term Program Types

Customer Energy Awareness & Education



Description & Benefits

- Help customers understand and be aware of all-things energy (e.g., energy bills, how usage impacts costs, benefits of clean energy)
- Lists of vetted contractors and equipment installers
- Can lead to behavioral changes that reduce energy use/bills and help increase awareness of programs

- Partner with community-based organizations to increase access to resources and grow awareness of SDCP – provide funding to them to help administer education programs
- Target K-12 classrooms
- Contractor training to support clean energy technologies
- Fund from SDCP revenues to expedite implementation



Application Assistance



Description & Benefits

- Many programs are already available to SDCP customers that can help meet community needs, but application processes can create barriers
- Connect customers to existing resources to support bill reductions and clean technology adoption

- Target application assistance for underresourced community members, small businesses, and organizations that support Communities of Concern
- Work with partners to identify a targeted list of program types to provide application assistance for
- Allocate internal resources (i.e., SDCP staff time)



12

Green Tariffs

Disadvantaged Communities Green Tariff (DAC-GT) & Community Solar Green Tariff (CSGT)

Description & Benefits

- Provide benefits of solar at a 20% bill discount to income-qualified residential customers in under-resourced communities with barriers to installing solar on their roof
- CalEnviroScreen tool identifies eligible "disadvantaged communities" as census tracts that are disproportionately burdened by and vulnerable to multiple sources of pollution

- Partner with community-based organizations and remove jargon from program descriptions to increase awareness of program benefits/keep customers from opting out
- SDCP is pursuing funding for these programs design elements are established by the CPUC





Pilot Programs

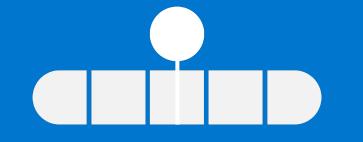


Description & Benefits

- Testing 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

- 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





Mid-Term Program Types

Transportation Electrification Infrastructure



Description & Benefits

- Support deployment of charging infrastructure and related technologies
- Help increase customer confidence to switch to an electric vehicle (reduced carbon emissions and local air pollution)



- Focus on geographical areas or market sectors (e.g., multi-family housing and Communities of Concern) where private sector is not investing
- Add incentives to stack on existing regional and state funding opportunities
- CPUC Locally Invested Transportation Equity funding
- Partner with SANDAG, Air Pollution Control District, and member agencies via Accelerate to Zero Emissions Collaboration

Energy Storage Systems



Description & Benefits

- Support installation of energy storage systems to be paired with renewable energy resources (*e.g., onsite solar*)
- Cleaner and makes better use of renewables (*less reliance on fossil-fuels*)
- Can increase grid resiliency and provide backup power during outages



- Work with local governments/others to implement energy storage at scale in critical facilities or resilience hubs
- Incentives to stack on other energy storage funding sources (e.g., Self-Generation Incentive Program) or creative financing (up-front incentives instead of rebates)
- Fund energy storage system market development programs from SDCP revenues

Light-Duty Vehicle Electrification



Description & Benefits

- Support customer transition from gaspowered cars to electric cars
- Reduces carbon emissions and improve local air quality
- Reduces vehicle operating and maintenance costs
- Potential to help with grid resiliency



- Prioritize expanding access to electric vehicles for income-qualified customers
- Partner with car dealerships to offer pointof-sale incentives on used vehicles instead of after-sale rebates
- Fund incentives from SDCP revenues to stack on available state/regional funding

Demand Response



Description & Benefits

- Incentivize customers to reduce electricity
 use during peak demand on grid
- Encourages behavioral changes or smart devices to shift or reduce usage
- Helps control customer costs, increases grid resiliency, and makes best use of renewables

- Gap around installing smart controls on other systems (e.g., heat pumps, electric vehicle chargers, energy storage) – could establish technology requirements across other programs
- Fund from SDCP revenues and monitor CEC and CPUC for funding opportunities
- Consider opportunities to leverage SDCP procurement budgets in cases where demand response programs could reduce resource adequacy obligation and costs



Medium- and Heavy-Duty Vehicle Electrification



- Support commercial customers in transition to electric commercial vehicles (e.g., delivery vans, shipping trucks, buses)
- Communities around ports are disproportionately impacted where heavy commercial vehicles regularly travel



- Support transition of public-serving fleets (e.g., public transportation and school districts)
- Work with commercial customers to determine best vehicle options based on specific needs, travel patterns, and markets served
- Partner with Port of San Diego on transitioning fleets that have highest impact to Communities of Concern
- Monitor funding from CARB targeted directly to customers

Energy Efficiency



Description & Benefits

- Measures to reduce the amount of energy buildings use – results in lower bills and increased indoor air quality and comfort
- *Examples:* Insulation, improved windows and doors, and cool roofs

- Consider free or low-cost upgrades for income-qualified and Communities of Concern
- Address the split incentive between tenants and landlords for multi-family buildings
- Regional Energy Network is primary
 potential funding source



Heat Pump Technology



Description & Benefits

- Encourage installation of electric heat pumps for space heating, cooling, and water heating
- More efficient and cleaner than gas counterparts, less indoor air pollution
- Electrical panel upgrades may be needed and can often be a barrier for projects due to costs



- Direct installation programs for incomequalified and multi-family affordable housing that include renter protections
- Contractor training and mid-stream incentives to address lack of skilled labor and equipment carried
- Stackable incentives
- Partner with community-based organizations and regional agencies to apply for federal Inflation Reduction Act funding

Appliance Electrification



Description & Benefits

- Encourage adoption of electric building appliances (e.g., stoves and clothes dryers)
- Induction stoves provide a safer cooking environment, improved indoor air quality, and are more efficient than gas stoves
- Heat pump dryers are more efficient, can have lower installation costs due to not needing vents, and require less maintenance



- Provide education and outreach for induction cooking *(including demonstrations)* and incentives to offset higher equipment costs
- Offer incentives for panel upgrades (e.g., direct installation or up-front incentives for income-qualified and Communities of Concern)
- Fund incentives with SDCP revenues to stack on top of TECH Clean California funding

Next Steps

Public Draft of the Community Power Plan

- 30-day public comment period expected to start in early March 2023
- Konveio tool people can comment on specific parts of the plan and upvote comments
- Re-engage with stakeholders, customers, and other groups to gather feedback on draft
- Final draft expected to be presented to Board for adoption consideration in May 2023



Item 6

Receive Update on REN Process

Presenter:

Colin Santulli, Director of Programs

Sheena Tran, Senior Program Manager



Regional Energy Network (REN)

In 2012, the CPUC issued a decision inviting local governments to collaborate and submit proposals for **a new model for administering energy efficiency programs**. REN criteria includes:

- Activities that utilities cannot or do not intend to undertake
- Pilot activities where there is no current utility offering and where there is potential for scalability to a broader geographic reach, if successful
- Activities serving hard-to-reach markets, whether or not there is another utility program that may overlap

Value of RENs

- Provides unique value to Commission's energy, climate and/or equity goals
- Prioritizes underserved customers
- No cost effectiveness requirements





Existing REN Programs

- Residential Programs
 - Multifamily property retrofit incentive programs, Kits 4 Kids, Single Family Home Energy Report, Green Labeling
- Public Sector Programs
 - EE Project Delivery Program, Streamlined Savings Program
- Workforce Education & Training
 - Green Path Careers, E-Contractor Training
- Commercial Sector Programs
 - Small and Medium Business Incentives program











REN Comparison

	SoCalREN	BayREN	3C-REN	I-REN	Rural REN
Governance	LA County	Association of Bay Area Governments (ABAG)	Ventura, San Luis Obispo, Santa Barbara Counties	Western Riverside Council of Governments, Coachella Valley Association of Governments, San Bernardino Council of Governments	6 members of the RHTR WG led by Redwood Coast Energy Authority (RCEA)
Approved	2012	2012	2018	2021	Pending (BP filed in March 2022)
# Cities	220	101	25	52	115
Population	20M	7.7M	1.5M	4.5M	7M
Approximate Budget (2023)	\$23M	\$26M	\$12M	\$10M	N/A
Approx. Budget Request (2024-27)	\$217M	\$161M	\$71M	\$44M	\$84M
Мар					North Coast San Joaquin Valley Central Coast

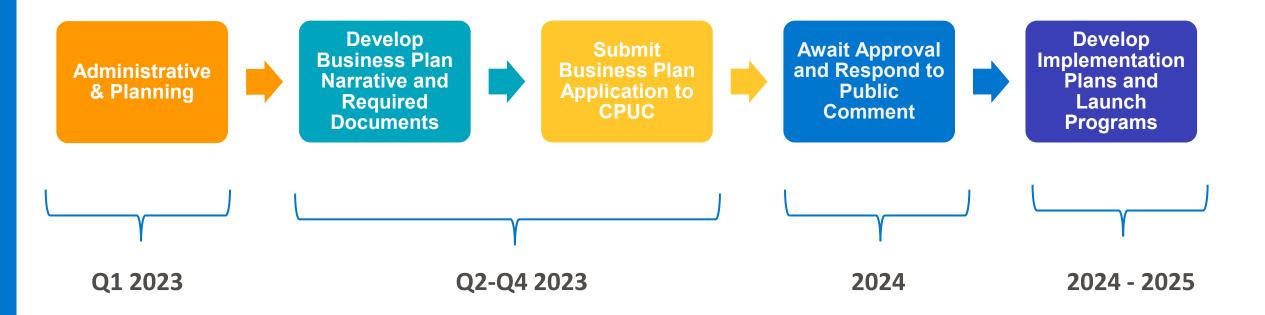
REN Business Plan Requirements

The REN motion to the Commission must also contain:

- a. Description of its new and unique value to contribute to California's energy, climate, and/or equity goals.
- b. Description of its proposed governance structure.
- c. A "letter of commitment to cooperate" from each existing program administrator with whom the new REN's proposed activities will overlap.
- d. Written summary of feedback received from the CAEECC meeting and any other stakeholder input, along with the response or changes that were made as a result of the input.
- e. Proposed set of energy savings targets.
- f. Proposed set of goals and metrics.
- g. Estimate of benefits and costs according to the Total Resource Cost and Program Administrator Cost tests.



Proposed Timeline & Next Steps





Next Steps

- Open Request for Proposal
 - For professional services to support Business Plan Application development to close on March 14, 2023
 - Scope: Develop Business Plan, provide CPUC support, Data and Market Analysis, CA Energy Efficiency Coordinating Committee (CAEECC) stakeholder support
- Determine governance structure
- Coordination with SDG&E
- Select consultant and begin drafting business plan application
- Provide regular updates to CAC and Board



Legislation Relating to Business Plans

- October 2015 (D.15-10-028)
 - Established a "Rolling Portfolio" process for regularly reviewing and revising energy efficiency program administrators' portfolios
 - Provided guidance on the general schedule and required contents of business plans, implementation plans, an annual budget advice letter (ABAL) submissions; the collaborative process for developing business and implementation plans through a stakeholder-led coordinating committee; and other details regarding the structure of this new process
- August 2016 (D.16-08-019)
 - Provided further guidance on rolling portfolio elements including REN program proposals; baseline and meter-based measurement of energy savings; and changes to the framework for EM&V and the energy savings performance incentive structure
- December 2019 (D.19-12-021)
 - Authorizes continued operation of existing RENs and invites new REN proposals as business plans to be filed with the Commission



CALIFORNIA
Public Utilities Commission





Discuss NEM 3.0 Decision

Presenter:

Laura Fernandez, Director of Regulatory & Legislative Affairs



How did SDCP Advocate for NEM Customers?

- January 2021 SDCP was the first CCA to become a party to the rulemaking
- January 2021 filed comments advocating for customer right to self-generate
- September 2021 Filed a Joint Reply Brief with San Jose Clean Energy
 - Urged rejection of Avoided Cost Calculator
 - Argued against high fixed charges for NEM customers
 - Opposed changes for NEM 1.0/2.0 customers
- January 2022 filed comments on the original proposed decision
 - Argued that the grid participation charge is illegal under federal law
- November/December 2022 filed opening/reply comments on new Proposed Decision



What's In The Final Net Billing Decision?

- Maintains the legacy status of NEM 1 and 2 customers = No impact on existing rooftop solar customers, maintaining their current compensation rates
- Drops the grid benefit charge and instead moves new customers to electrification rates to promote pairing storage with solar systems = No specific charges for solar customers
 - The electrification rates have a fixed charge of \$16 per month, which is a significantly lower fixed charge than the previously proposed grid benefit charge
- The Net Billing tariff replaces retail rate compensation for exported energy with the Avoided Cost Calculator. The ACC is defined by the CPUC as the "marginal costs a utility would avoid in any given hour."
 - Adopts a glidepath approach for new customers to lock in the Avoided Cost Calculator value they begin with for a period of nine years, allowing them to have more financial security in the payback of their generation systems
- Increases the allowable size of rooftop solar systems to cover 150 percent of a customer's electricity usage to accommodate future electrification of appliances and vehicles.
- Requires new customers to pay their bills on a monthly basis in order to avoid bill shocks at the end of the annual trueup cycle.
 - SDCP already does this for existing NEM customers on the generation portion of their bills. This new change
 means that customers on served under the Net Billing Tariff (NBT) will have to pay monthly bills on the delivery
 side of their bills as well.
 - NEM 1 and 2 customers are unaffected.



Is There Still Time to Lock in NEM 2.0?

- Yes!
- New customers who wish to lock in NEM 2.0 between now and April 14, 2023 must submit an interconnection application, and....

Interconnection application date for **residential** net billing tariff customers is defined as the submission date of an application that is free of major deficiencies and includes a complete application, a signed contract, a single-line diagram, a complete CSLB Solar Energy System Disclosure Document, a signed California Solar Consumer Protection Guide, and an oversizing attestation (if applicable).

• Interconnection application date for **nonresidential** net billing customers is defined as the submission date of an application that is free of major deficiencies and includes a complete application, a signed Authorization to Act on a Customer's Behalf, the selection of a single-line diagram, and an oversizing attestation (if applicable).



What's Next?

- Applications for Rehearing Filed by Environmental Working Group, Protect Our Communities Foundation, Center for Biological Diversity and Californians for Renewable Energy
 - Utilities Filed Response February 2, 2023
- Utility Advice Letters to Establish Net Billing Tariff Filed
 - SDG&E Advice Letters 4156-E, 4155-E, 4154-E filed January 30, 2023
- Utilities have until December 2023 to complete alignment of related necessary billing systems and transition to full implementation of the net billing tariff





Receive Update on Public Relations and Back-Office Operations

Presenters:

Jen Lebron, Director of Public Affairs Lucas Utouh, Director of Data Analytics & Account Services



Phase 4 Update



FSC FSC C013371

- 126,951 Non-NEM Pre Enrollment Mailers sent last week.
- 4,393 NEM Pre Enrollment Mailers sent last week.





Participation

2/6/2023

Refreshed

Participation by Accounts

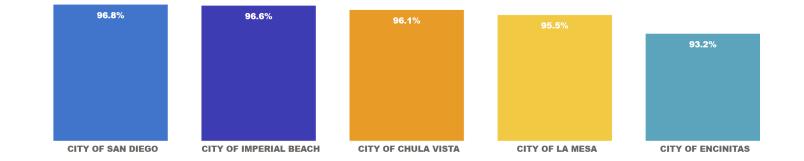


Total Participation by Accounts All Phases

97.0%

Participation Phases 1-3						
Town/Territory	Eligible	Opt Outs	Participation by Accounts			
City of Chula Vista	96,413	3,759	96.1%			
City of Encinitas	28,394	1,938	93.2%			
City of Imperial Beach	10,911	368	96.6%			
City of La Mesa	29,321	1,326	95.5%			
City of San Diego	616,238	19,989	96.8%			
Total	781,277	27,380	96.5%			

Participation Phase 4				
Town/Territory	Eligible (Noticed)	Opt Outs	Participation by Accounts	
County of San Diego	130,650	122	99.9%	
National City	17,877	4	100.0%	
Total	148,527	126	99.9%	





Receive Update on 2023 Brown Act and Discuss Remote Teleconferencing Policy

Presenters:

Nick Norvell, General Counsel Karin Burns, Chief Executive Officer



Meetings Under the Brown Act

Brown Act generally requires members of legislative bodies (like CAC) to be inperson for meetings





"Classic" Teleconferencing Rules

- Brown Act contains longstanding, "classic" teleconferencing rules
- Member can teleconference IF:
 - Teleconference location is stated on agenda
 - Agenda is timely posted <u>at</u> teleconference location
 - Teleconference location is open for public to attend and comment <u>from that</u> <u>location</u>
 - Majority of the body participates from within SDCP boundaries
- Also, all votes by roll call

COVID Teleconferencing

- Since start of COVID-19 pandemic, State has allowed teleconferencing that did not meet the "classic" teleconference rules
 - Originally done through Executive Order and then legislation (AB 361)
- However, Governor is ending COVID-19 State of Emergency on February 28 and SDCP is going back to in-person meetings



Post-February Meetings/Teleconferencing

After February, SDCP Board, committee and CAC meetings will generally be in person for members

- Teleconferencing can only be done
 - Under "Classic" Teleconferencing Rules <u>OR</u>
 - Under new law, AB 2449



AB 2449 Teleconferencing

- Allows teleconferencing under very specific circumstances (and without complying with "Classic" Teleconferencing Rules)
 - Just cause
 - Childcare or caregiving for close family
 - Contagious illness
 - Physical or mental disability
 - Travel on SDCP business
 - Emergency
 - Physical or family medical emergency



AB 2449 Requirements for Legislative Body Member

- Must notify SDCP ASAP of need to teleconference, including general reason
- Publicly disclose anyone 18+ in the room with you and your relationship to them

• Use audio and visual to participate (camera on)



AB 2449 Requirements for Legislative Body

For a member to participate via teleconference under AB 2449:

- Majority of body must participate in person from single location
- For "emergency" provision, majority of body must approve for member to teleconference
- Public must be able to participate in meeting virtually, including live public comments
- If public broadcast or public comment function is interrupted, body can take no further action until restored
- All votes by roll call



Limits

Just cause

• Can be used by each member only 2x during each calendar year

Overall (just cause + emergency)

- No more than 3 consecutive months
- No more than 20% of regular meetings



What To Know/Remember

Contact SDCP staff liaison <u>ASAP</u> if you may need to teleconference and the general reason

If using "Classic" teleconferencing,

 Provide address/location and work with staff to ensure all requirements can be met before posting of agenda

If using AB 2449,

- Camera on during meeting
- Identify 18+ persons in the room with you





Approval of 2023 CAC Regular Meeting Schedule

Presenter:

Victoria Abrenica, Public Outreach Associate



2023 CAC Regular Meeting Schedule

March 3, 2023	August 11, 2023
April 14, 2023	September 8, 2023
May 12, 2023	October 13, 2023
June 9, 2023	November 8, 2023
July 14, 2023	December 8, 2023

Meeting Time: 1 PM

Meeting Location: Metropolitan Operations Complex 9192 Topaz Way



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



Regular Meeting Agenda

Committee Member Announcements

Adjournment



Community Advisory Committee

Next Meeting March 10, 2023