



Climate Action Plan Preliminary Update / CCA Recommendation

September 2021

Background and State Requirements

Current State and NC CAP requirements

- State Reduction Target: 40% below 1990 levels by 2030 and 80% below 1990 levels by 2050
- NC CAP Reduction Targets will align with the State's reduction targets

If not in compliance

- SANDAG Funding Withheld - SANDAG's Smart Growth Incentive Program calls for jurisdictions to have a completed Climate Action Plan to be eligible to apply.
- Eliminate Programmatic CEQA coverage for Projects — Each project will require emissions analyses and mitigation, which increases cost for developers and inhibits economic development
- Greater chance for lawsuits



Preliminary CAP Update

Completed to date

- Developed 2018 National City greenhouse gas (GHG) emissions Inventory
- Completed baseline forecasts (“Business as Usual” or BAU projections)
- Established GHG Emissions Targets
- Reviewed National City’s 2011 CAP strategies
- Developed preliminary mitigated emissions forecast
- Drafted CAP Update document

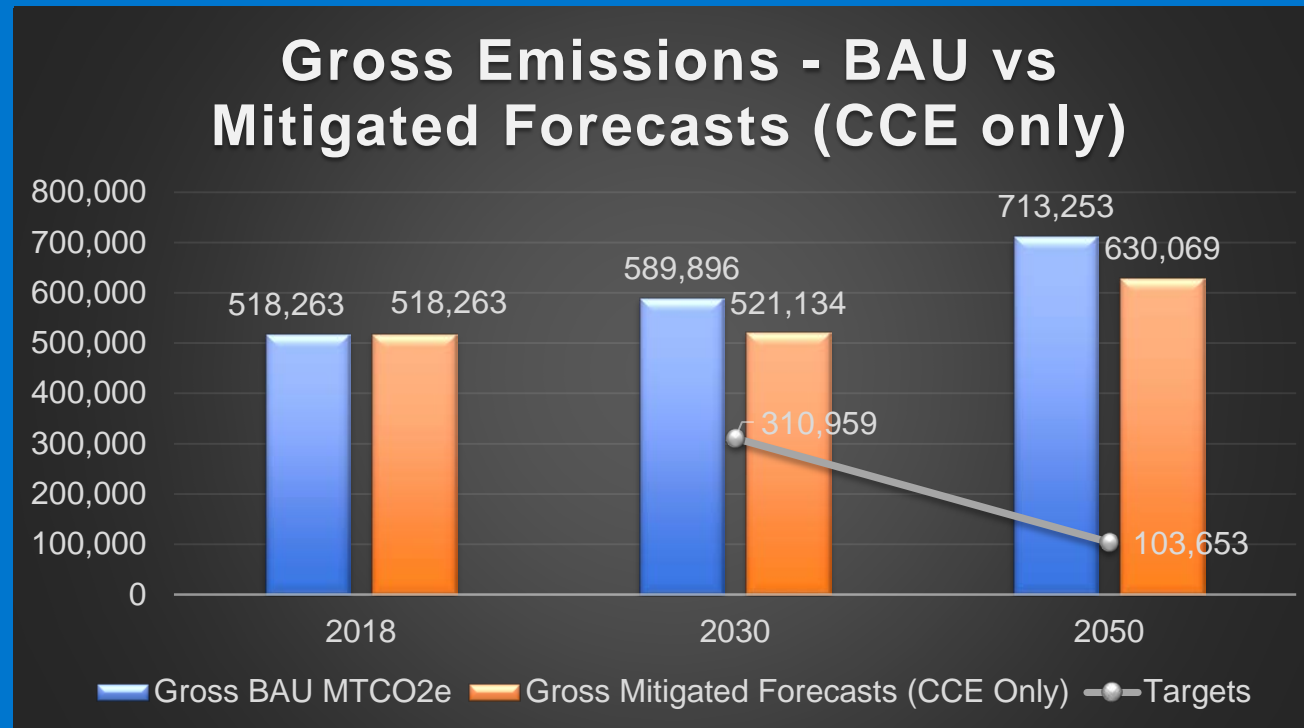
Next Steps

- Finalize VMT Modeling (March 2022)
- Finalize CAP emissions reduction strategies & implementation programs (Spring 2022)
- Finalize Mitigated Forecasting (Spring 2022)
- Draft CAP for public review (Summer 2022)
- Final CAP (Fall 2022)

Preliminary CAP Numbers

2030 Forecasts

- BAU: 589,896 MTCO₂e
- Preliminary Mitigated Forecast (with CCA Only) : 521,134 MTCO₂e
- Reduction Target: 310,959 MTCO₂e



Preliminary CAP Emissions Reduction Strategies

- Launch or Join a Community Choice Energy/Aggregation (CCA) Program
- Expand & improve alternative transit networks to reduce VMT
- Adopt electric vehicles and infrastructure
- Retrofit existing buildings to improve energy efficiencies
- Ensure new buildings maximize energy efficiencies
- Zero waste initiatives

Preliminary CAP Schedule

Fall 2021

General Plan and Affordable Housing Density
Program Development
Community Outreach

Winter 2021/Spring 2022

Traffic Modeling
Economic Analysis
Draft Elements, Density Bonus and CAP
Community Outreach
SEIR Preparation

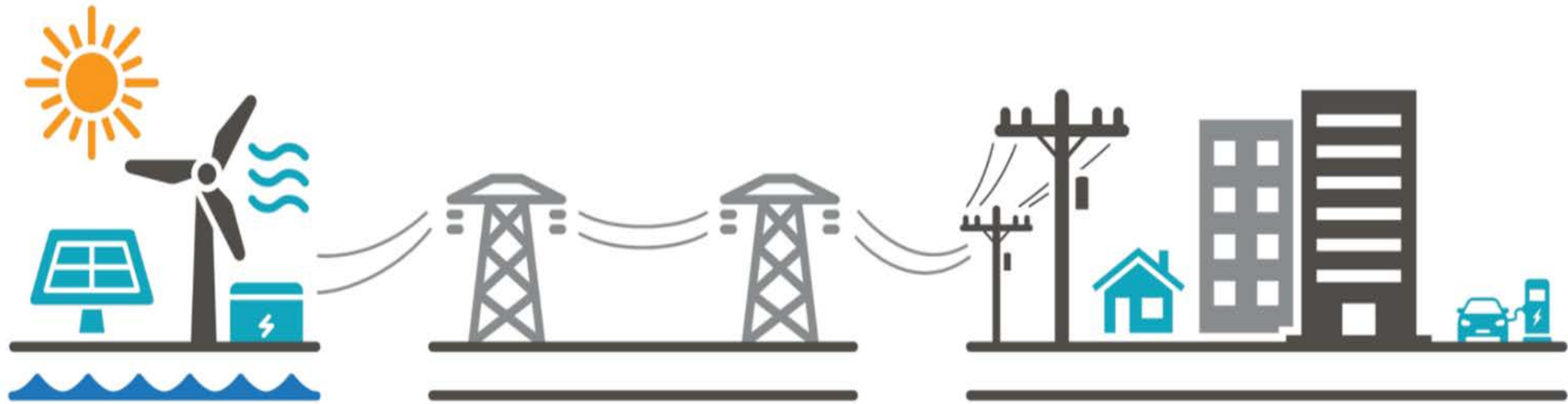
Summer/Fall 2022

SEIR, Elements & CAP Public Review Period
Final SEIR, Elements & CAP
Public Hearings



What is a CCA?

How it Works



~~CCA~~
~~SDG&E~~
Buys electricity from
renewable sources

SDG&E
Delivers power and
maintains the grid

You
Cleaner power, local control
and competitive rates

CCA Benefits & Risks

Potential Benefits

- CCA board control – Power purchased, rates, possible programs, support electric vehicles
- Cleaner environment – Can purchase more renewable energy
- Local power, local jobs – Can reinvest revenue back into communities
- Economic Development – Can attract business through competitive rates





CCA Benefits & Risks

Potential Risks for all energy providers

- Power procurement – Accurately forecasting energy demand and supply
- Regulatory landscape - Rate charges (power charge indifference adjustment (PCIA), California Public Utility Commission (CPUC) contracts & regulations
- Customer opt-out – Residents who do not want to participate
- Competing priorities – Higher renewables cost more, build financial reserves vs. invest in local projects

What's (not) Changing

What's Not Changing

- Billing (still one bill from SDG&E)
- Service reliability (SDG&E still responsible)
- Rate structures (rate schedules align with SDG&E offerings, including the TOU periods)
- Discounts (e.g., CARE/FERA)
- Your day-to-day

What's Changing

- Higher renewable energy
- An effective customer service & support team
- Competitive rates (currently 1% savings)
- Reinvesting back into the community
- New programs addressing local needs

Community Choice in California

- Enabled through legislation in 2002
- 23 operating programs, 200 cities and counties
- Community Choice in:
 - 32 out of 40 State Senate Districts
 - 57 out of 80 Assembly Districts

The California Community Choice Association's mission is to support the development and long-term sustainability of locally-run CCA electricity providers throughout California.

Areas of Service:

- | | |
|--|---|
| Apple Valley Choice Energy City of Apple Valley | MCE Marin & Napa Counties, Unincorporated Solano County & 2 cities, Unincorporated Contra Costa County & 14 cities |
| Baldwin Park Resident Owned Utility District City of Baldwin Park | Peninsula Clean Energy Unincorporated San Mateo County & 20 cities |
| Central Coast Community Energy Unincorporated Monterey, San Benito, Santa Barbara & Santa Cruz Counties & 26 cities | Pico Rivera Innovative Municipal Energy City of Pico Rivera |
| Clean Energy Alliance 3 cities | Pioneer Community Energy Unincorporated Placer County & 5 cities |
| Clean Power Alliance Unincorporated Ventura County & 7 cities, Unincorporated Los Angeles County & 23 cities | Pomona Choice Energy City of Pomona |
| CleanPowerSF San Francisco County | Rancho Mirage Energy Authority City of Rancho Mirage |
| Desert Community Energy Palm Springs | Redwood Coast Energy Authority Humboldt County |
| East Bay Community Energy Unincorporated Alameda County & 14 cities | San Diego Community Power 5 cities |
| King City Community Power King City | San Jacinto Power City of San Jacinto |
| Lancaster Choice Energy City of Lancaster | San Jose Clean Energy City of San Jose |
| | Silicon Valley Clean Energy Unincorporated Santa Clara County & 13 cities |
| | Sonoma Clean Power Sonoma & Mendocino Counties |
| | Valley Clean Energy Yolo County & Cities of Winters, Woodland & Davis |



CALCCA
ADVANCING LOCAL ENERGY CHOICE cal-cca.org

- Serving Customers
- Implementation Plan Filed
- Considering CCA

* Not all towns/cities within a county are served by the local CCA program. Please visit individual agency websites for more detailed service area information. To learn more about CalCCA please visit our website at cal-cca.org.

CCA Structure

Governance Options

- Sole city – More local control but more staff and financial requirements
- Joint Powers Authority (JPA) – Work with other jurisdictions to spread resource requirements and serve to financially protect individual jurisdictions



Who is SDCP?

Who is San Diego Community Power?



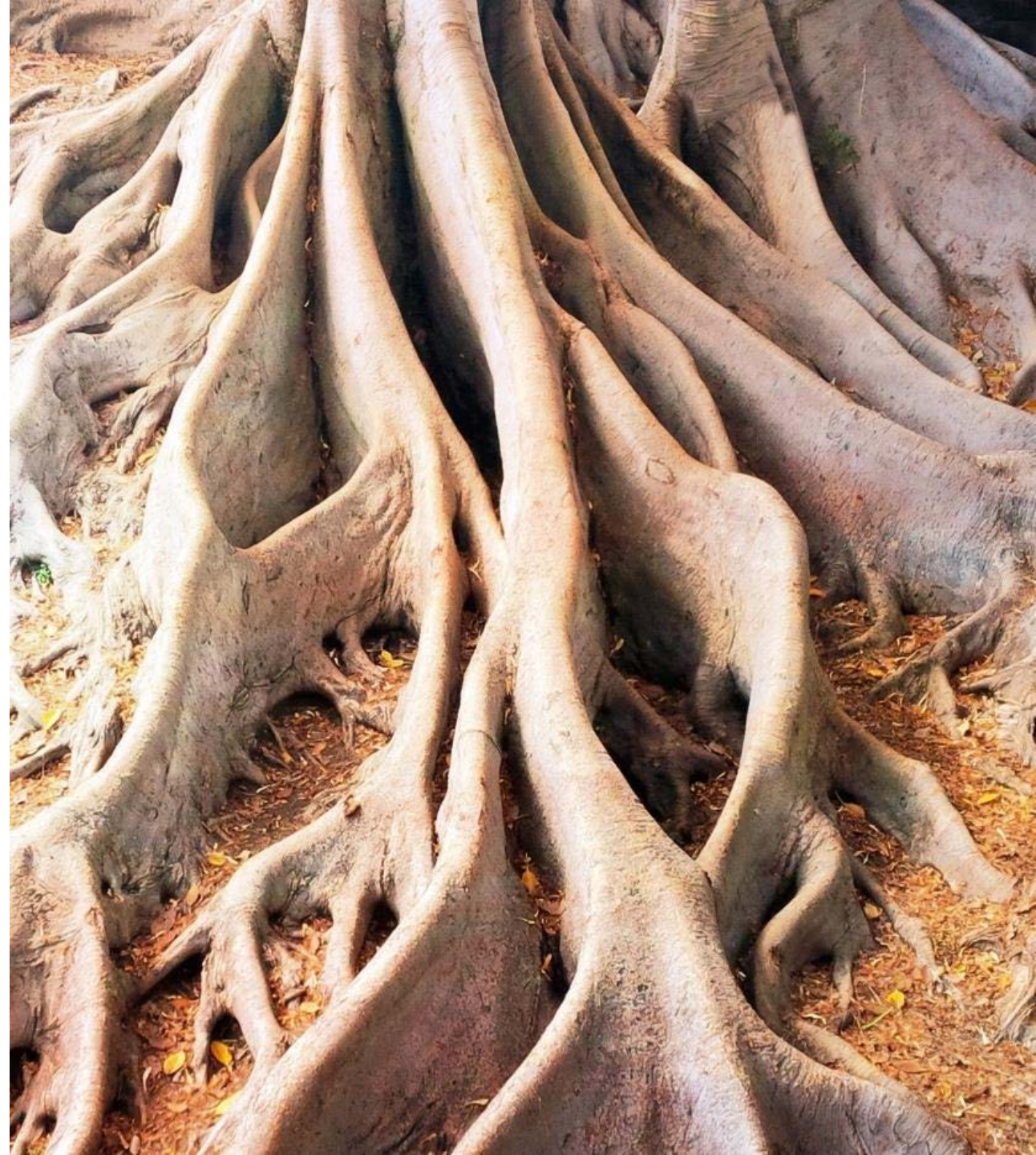
Our Values

Choice = Ratepayers Benefit: A monopoly has less incentive to invest in making its customers happy - if there's a choice between improving service and profit, the numbers will always win.

SDCP is Local, Open, and Accountable: SDCP is fully transparent in its operations – all meetings and local, open to the public, and subject to Brown Act and Public Records Act.

SDCP Includes Customer Impact on Community Investment: Decisions about electricity choices, such as power content and rates, are made by the community for the community, guided by a Community Advisory Committee.

Clear Path to 100% Renewable: SDCP is the first CCA to codify the goal to reach 100 percent renewable energy by 2035 or sooner in our founding agreement.



Our Values

Supporting Local Jobs: Our goal is to support local jobs, local workforce development, and innovation in energy programs.

Striving for Equity: We promote investment in Communities of Concern to ensure clean energy benefits for everyone, not just a few.











Save Money and the Environment: SDCP's basic rate service will provide cleaner energy for rates competitive with SDG&E; every ratepayer benefits immediately from a cleaner environment.

Run Locally, Community-focused: We know our customers because we are our customers. There are no corporate interests driving our decisions.








Who is SDCP?

STAFF

| | | | | |
|--|--|--|--|---|
|  Bill Carnahan Interim Chief Executive Officer in |  Cody Hooven Chief Operating Officer in |  Sebastian Sarría Program and Policy Manager in |  Kimberly Isley Executive Assistant in |  Laura Fernandez Director of Regulatory & Legislative Affairs in |
|  Byron Vosburg Director of Power Services in |  Lucas Utouh Director of Data Analytics and Account Services in |  Lee Friedman Key Accounts Manager in |  Nelson Lomell Program Manager in |  Eric Washington Chief Financial Officer in |

BOARD OF DIRECTORS

| | | |
|---|--|---|
|  Serge Dedina Imperial Beach Mayor |  Bill Baber La Mesa Councilmember |  Monica Montgomery Steppe San Diego Councilmember |
|  Joe Mosca Chair, Encinitas Councilmember |  Stephen Padilla Vice Chair, Chula Vista Councilmember | |

COMMUNITY ADVISORY COMMITTEE

Chula Vista

- Edward Lopez
- Carolyn Scofield

Encinitas

- Gary L. Jahns
- Tara Hammond, Vice Chair

Imperial Beach

- Anna Webb, Secretary
- Tom Summers

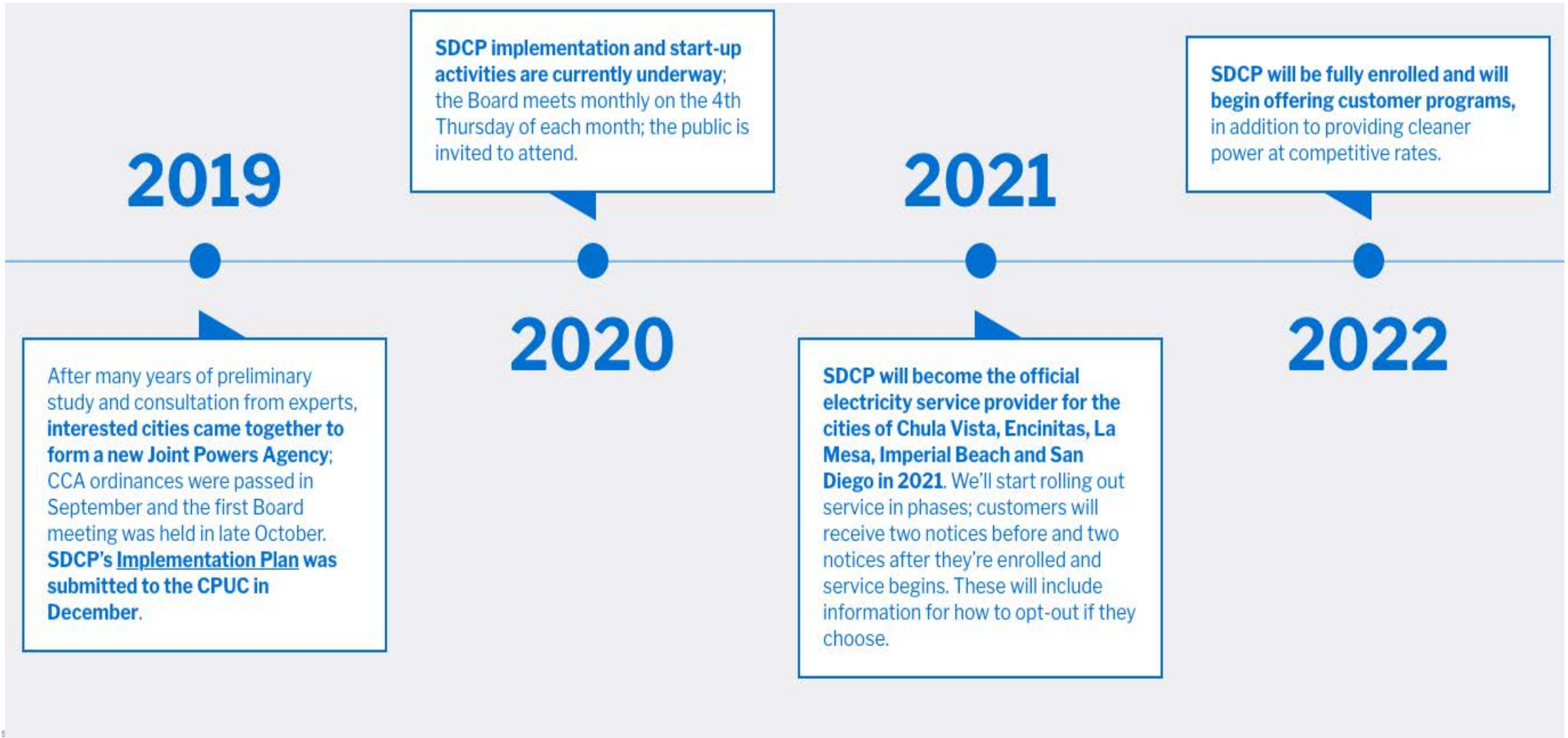
La Mesa

- Jen Derks
- David Harris

San Diego

- Eddie Price, Chair
- Matthew Vasilakis

History



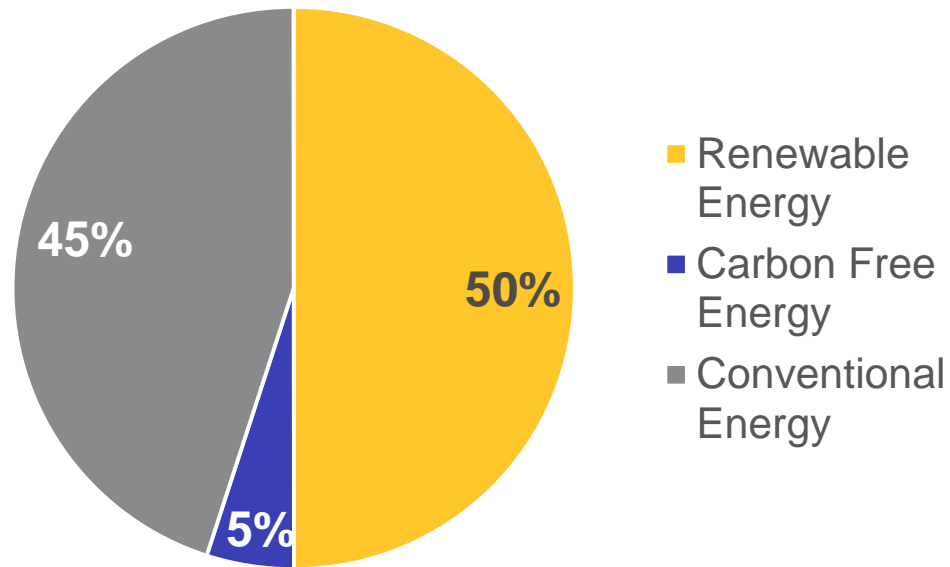
What SDCP Offers

What does SDCP Offer?

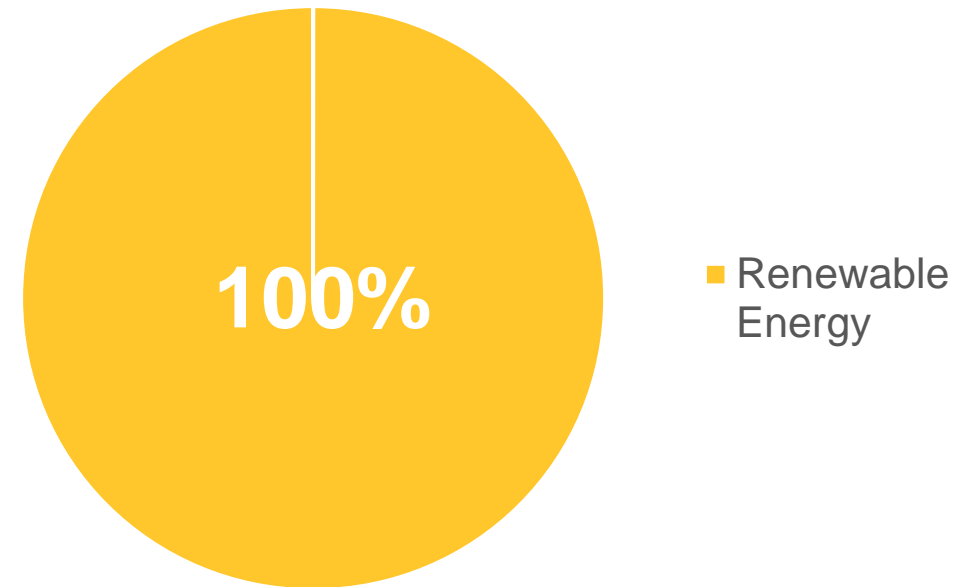
- Competition
- More renewable energy at competitive cost
- Local decision-making & transparency
- Effective customer service
- Innovative program offerings
- Ratepayer advocacy

Power Your Business

PowerOn (Standard service)

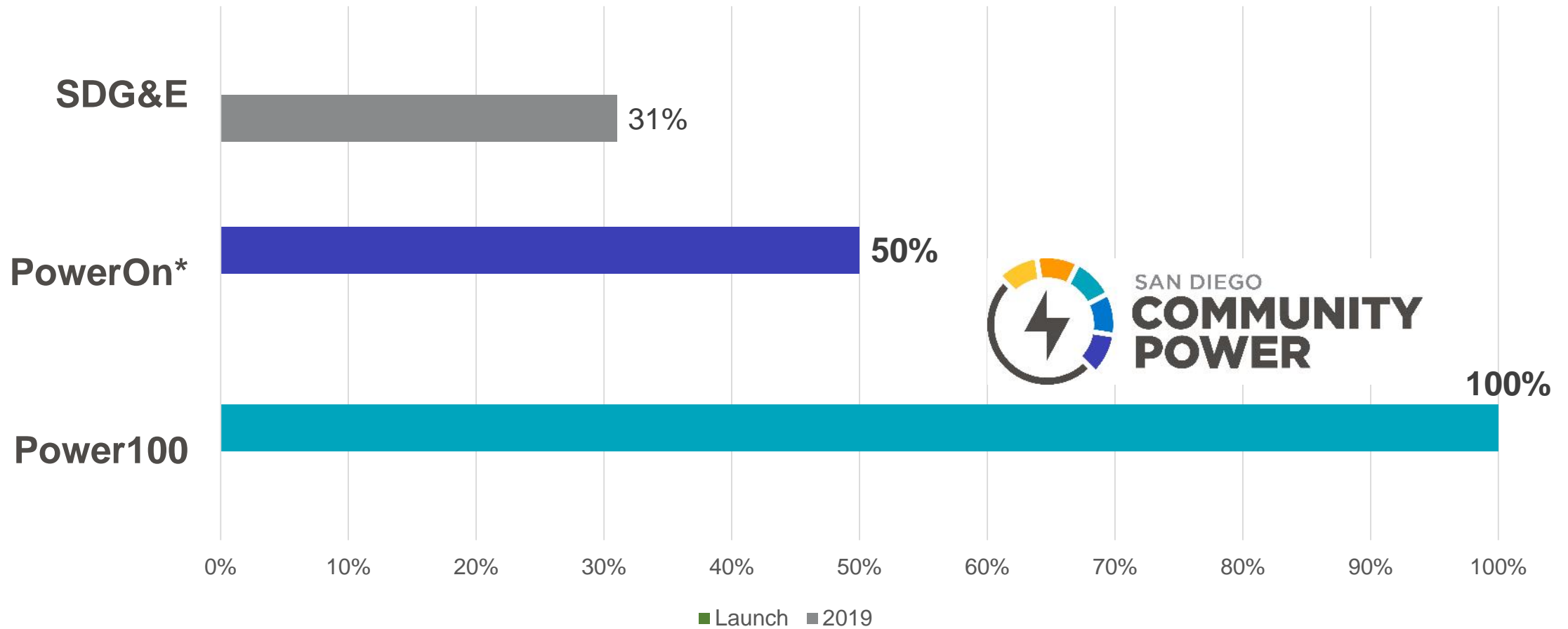


Power100 (Optional service)



Upgrade for only \$0.0075 per kWh more

Compare Renewable Energy



*SDCP's PowerOn product is 50% Renewable + 5% carbon-free

Power100 Champions

By **opting up to Power100**, you are joining a growing community of businesses who proudly support 100% renewable power.

Business can join our **Power100 Champions** community and receive:

- Promotion on our SDCP website
- Access to a digital toolkit with badge designs
- Power100 Champion storefront decals
- Co-promotion opportunities



Power100 Champions like the San Diego International Airport are helping secure our region's cleaner, greener future.

100% renewable,
100% carbon-free.

Power100 is our most effective tier to help you reduce your carbon footprint. Power100 energy content is 100% renewable, 100% carbon-free - and eliminates your greenhouse gas production through electric energy use. Service is available to commercial customers now and will launch for residential customers in February 2022. San Diego Community Power is proud of our Power100 Champion Businesses. Learn how you can opt up: [SDCommunityPower.org](#)

To learn more about SAN's commitment to sustainability please visit [sustain.san.org](#)

A circular decal with a blue and orange border, identical to the one in the previous image, is positioned in the bottom right corner of the slide.

Rates & Billing

Rates

TOU-A-S Rate Comparison Effective June 1, 2021 (Typical Small Commercial)

| Commercial Electric Rate Comparison, TOU-A (Secondary Voltage) | | | | |
|--|---|---------------------------------|------------------------|-----------------------------------|
| Commercial: TOU-A | SDCP PowerOn 50% Renewable + 5% Carbon Free | SDCP Power100 100% Renewable | SDG&E 31% Renewable | SDG&E EcoChoice 100% Renewable |
| Generation Rate (\$/kWh) | \$0.07087 | \$0.07836 | \$0.06570 | \$0.11637 |
| SDG&E Delivery Rate (\$/kWh) | \$0.17594 | \$0.17594 | \$0.17594 | \$0.17594 |
| SDG&E PCIA (\$/kWh) | \$0.03166 | \$0.03166 | \$0.03796 | \$0.03796 |
| Franchise Fees (\$/%) | \$0.00266 | \$0.00266 | \$0.00308 | \$0.00322 |
| Total Electricity Cost (\$/kWh) | \$0.28112 | \$0.28862 | \$0.28267 | \$0.33349 |
| Average Monthly Bill (\$) | \$376.42 | \$386.46 | \$378.50 | \$446.54 |

Average Monthly Usage: 1,339 kWh
Average Monthly Demand: 6.7 kW

Rates current as of June 1, 2021

Bill Estimator

SDCommunityPower.org/your-choice/compare-service-plans



Calculate & Compare

See what an estimate of your bill could look like with different San Diego Community Power (SDCP) service offerings compared to San Diego Gas & Electric (SDG&E)'s default rate. You'll need a copy of your latest SDG&E bill to help you complete the form below. Energy costs change throughout the year. This comparison utilizes SDG&E and SDCP rates currently in effect.

Account Information

[Where do I find my account information?](#)

Rate

Select Rate

Service Location

Select Location

Bill Ending Month

Select Month

CALCULATE

i If you do not see your rate plan listed as an option, please contact us at customerservice@sdcommunitypower.org or call toll-free at **1 (888) 382-0169** for more information.



The earliest SDCP could begin serving National City is 2023

- With an adoption of a CCA Ordinance and Execution of JPA Agreement with SDCP in October early November
- The next service window would be 2024

Staff's Recommendation

Direct staff to return to City Council with a CCA ordinance and JPA agreement with SDCP



Questions?

CALIFORNIA
NATIONAL CITY
1887
INCORPORATED

Thank You!



SAN DIEGO
**COMMUNITY
POWER**