

CleanPowerSF Overview and Disadvantaged Communities Green Tariff Programs

February 15, 2022



Services of the San Francisco
Public Utilities Commission

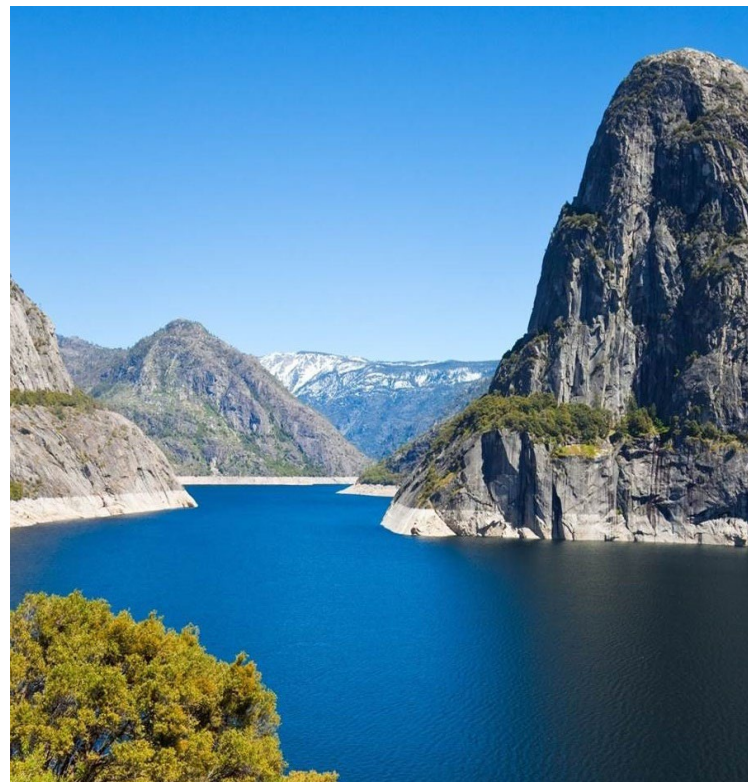
CleanPowerSF



Power Enterprise

Operates 2 services for San Francisco electricity customers:

- Hetch Hetchy Power: San Francisco's local, publicly-owned electric utility (POU), providing GHG-free power for 100 years.
- CleanPowerSF: San Francisco's community choice aggregation (CCA) program, serving customers since 2016.



CleanPowerSF Program Goals

Balanced Program Design

Allows
Delivery
Across
Competing
Objectives
While
Providing
Financial
Stability



Lead with **Affordable** and Reliable Service



Provide **Cleaner** Electricity Alternatives



Invest in **Local Renewable/Demand-Side Projects** and **Local Jobs**

While Providing for Long-Term Rate and Financial Stability

Customer Choices Under CleanPowerSF



Green

50+% RENEWABLE

Competitively Priced.

Goal to be 100% renewable by 2025.

SuperGreen

100% RENEWABLE

Optional upgrade to 100% renewable power.

No carbon footprint from electricity use.

Customers can upgrade (or downgrade) anytime!

Opt Out

39% RENEWABLE

Customers may elect to opt-out of CleanPowerSF at any time.

Customers will be subject to PG&E terms and conditions if you opt-out more than 60 days after CleanPowerSF service start.

Enrollment and Service Statistics

- Enrolled >409,000 customer accounts
- 4.2% opt-out rate (96% retention) since launch
- 2.1% SuperGreen 100% renewable upgrade rate
- SuperGreen accounts for >6% of retail sales

我們正在為清潔能源開燈!

我們的城市, 我們的能源。

CleanPowerSF.org



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Disadvantaged Communities (DAC) Green Tariff Programs Overview

- As required by AB 327 (Perea 2013), CPUC created two programs:
 - DAC-Green Tariff
 - Community Solar Green Tariff
- Objective: increase renewable energy produced within and consumed by low-income customers in DACs
- Programs provide funding to offer 100% renewable energy at 20% bill discounts to eligible customers



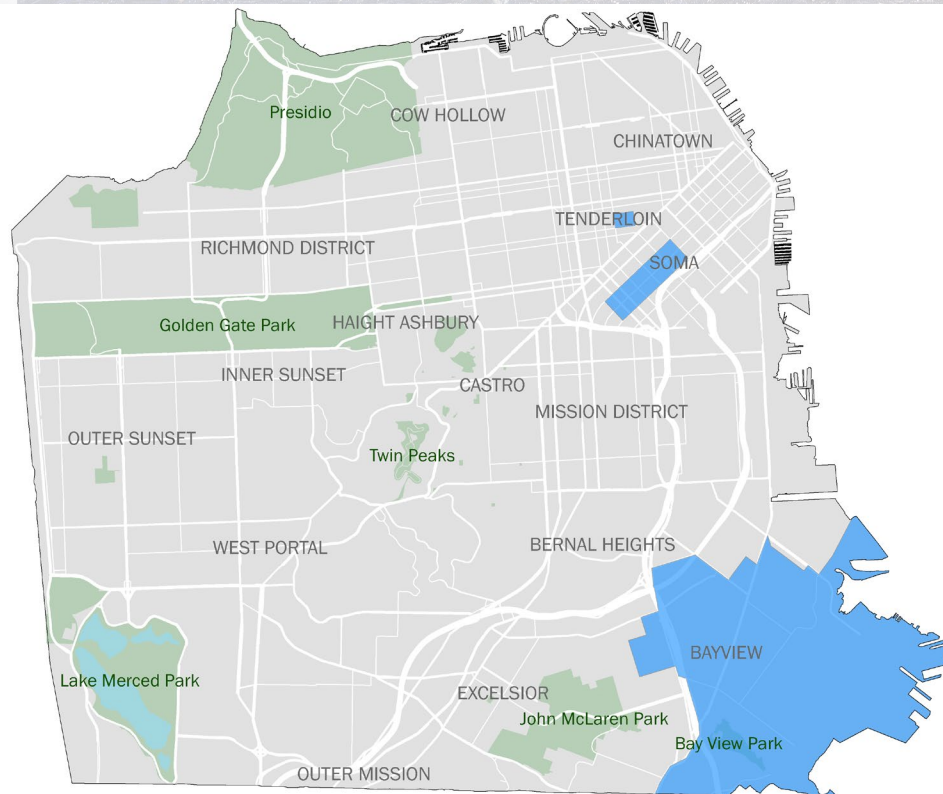
Program #1: DAC Green Tariff Program

- Provides low-income customers located in DACs with 100% renewable energy at a 20% discount
- Eligible projects must be supplied by new renewable resources located in a DAC in PG&E's service territory
 - CleanPowerSF may contract with an existing interim resource until new resource is operating
- Customer eligibility:
 - Must live in a DAC area in CleanPowerSF's service area;
 - Must be low-income residential customers (eligible for CARE or FERA discount programs)
- Target program launch: Spring 2022

Program #2: DAC Community Solar Program

- Provides customers residing in DACs with 100% renewable energy supplied by a local project at a 20% discount
- Eligible projects must be solar and located in a DAC that is within 5 miles of the subscribing customers
- Projects must also have a local community-based sponsor that supports site selection and customer enrollment
- Customer eligibility:
 - 50% of project's capacity must be subscribed by low-income residential customers (eligible for CARE or FERA) that live in a DAC
 - 50% can be subscribed by non-low-income customers in DAC, including project community sponsor(s)
- Target program launch in 2024-25

CleanPowerSF Service Area DACs



CleanPowerSF Programs

- CleanPowerSF allocated renewable capacity to offer DAC programs:
 - DAC-GT: 1,826 MW
 - Community Solar: 0.5525 MW
- Estimated Customer Cap:
 - DAC-GT: 1,200
 - Community Solar: 350
- Participants must reside in a CleanPowerSF DAC

CleanPowerSF's DAC Green Tariff is now "SuperGreen Saver"

- DAC-GT program branded as SuperGreen Saver
- Targeting Spring 2022 start date
- Arrearage Management Plan (AMP) customers will be auto-enrolled
- 300-400 projected
- Two notices will be sent to customers in advance of enrollment



Welcome to SuperGreen Saver!

We are CleanPowerSF, your local, clean electricity provider and a program of the City and County of San Francisco.

Based on your address in San Francisco and enrollment in AMP (Arrearage Management Plan), you have been automatically enrolled into CleanPowerSF's SuperGreen Saver program.

As a program participant, you will receive a 20% discount on your electricity bill and 100% renewable energy every month.

Renewable energy from sources like solar and wind are good for the planet and your health.



Sourcing Energy Supply for the DAC Programs

SFPUC issued a solicitation (PRO.0223) in September to secure long-term renewable energy supplies to serve the CleanPowerSF SuperGreen Saver and DAC Community Solar programs.

PRO.0223 Solicitation Schedule

Event	Date
Deadline to submit proposals	December 15, 2021
Notification of shortlisted bidders	January 14, 2022
Contract negotiations and award	January – April 2022
Submission of contract(s) for approval	May – September 2022

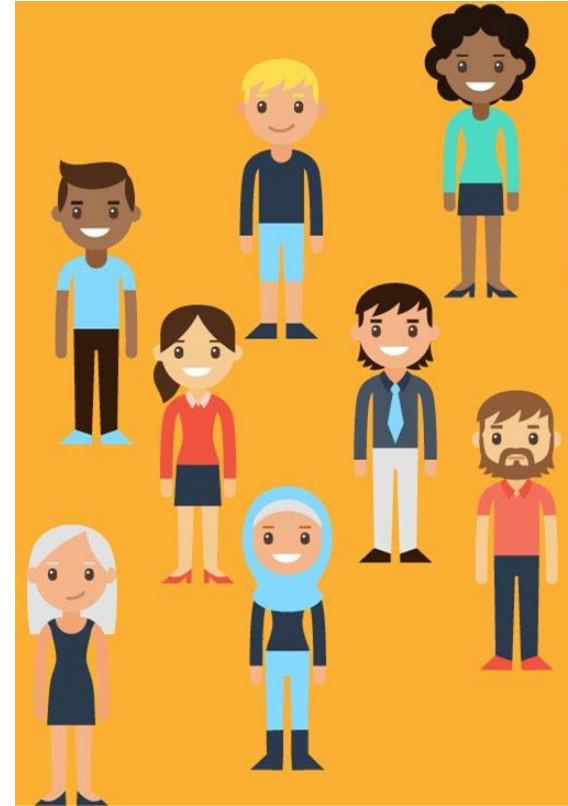
Marketing, Education & Outreach (ME&O)

Staff have created a culturally-competent, multilingual ME&O Plan for the two programs to drive elective enrollment and program awareness.

Phase 1: Awareness	Phase 2: Enrollment
Increase awareness of CleanPowerSF, CARE/FERA, and other incentives, discounts and programs	Enroll eligible customers into the program while addressing barriers to participation
In Progress	Beginning Feb./March 2022
<ul style="list-style-type: none"> ● Digital and print advertisements ● Direct mailings and email marketing ● Communications materials and website ● Notification of auto-enrollment of AMP customers into the DAC Green Tariff 	<ul style="list-style-type: none"> ● Partnerships with community-based organizations (CBOs) ● Grassroots outreach, community events ● Digital and print advertisements ● Direct mailings and email marketing ● Communications materials and website

Community Partnerships

- Partnering with community-based organizations (CBOs) is a critical component of the ME&O Plan.
- Community members are more likely to take action (sign up for a program) if they know and trust the messenger.
- The SFPUC has an active solicitation to identify CBOs for this work and other future activities.



Questions?



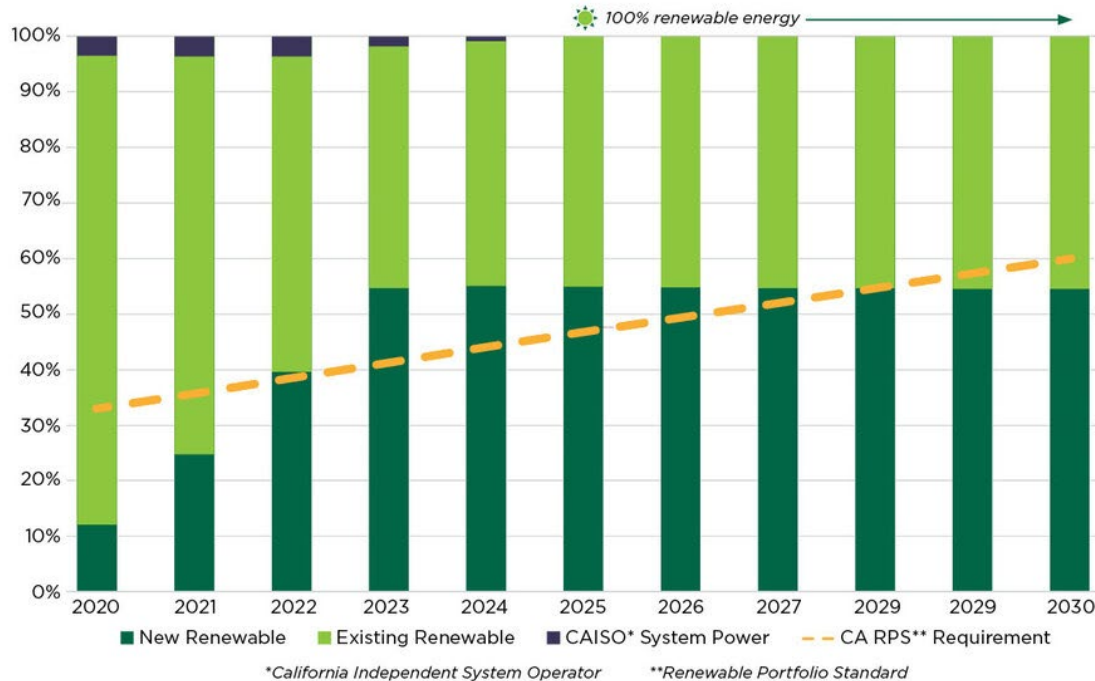
San Francisco
**Water
Power
Sewer**

CleanPowerSF

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CleanPowerSF's Adopted Integrated Resource Plan



- The SFPUC adopted CleanPowerSF's 2020 IRP and submitted to CPUC on 9/1/2020
- 2020 IRP provides a roadmap to 100% renewable by 2025

Additional Resource Capacity Targets

The 2020 IRP identified the following additional capacity targets for CleanPowerSF

- 81 MW 9-County Bay Area solar
- 27 MW 9-County Bay Area storage
- 105 MW in-state solar
- 5 MW in-state wind
- 223 MW 4-hour storage
- 15 MW long-duration storage (8+ hour)
- 50 MW existing geothermal

CleanPowerSF's Adopted Integrated Resource Plan

- CleanPowerSF is on track to reach 100% renewable energy by 2025
- Of the capacity identified in the IRP, CleanPowerSF has already contracted with:
 - 75 MW new solar, Bay Area
 - 122 MW new energy storage
 - 50 MW existing geothermal



CleanPowerSF Renewable Energy Investments

CleanPowerSF Customer Programs

Program	Status
Net Energy Metering	Operating
Budget Billing	Operating
GoSolarSF Incentives	Operating
Peak Day Pricing (PDP)	Operating
Low-income Solar Inverter Program	Operating
Electric Heat Pump Water Heater Incentives	Operating target = early 2022
Disadvantaged Communities (DAC) Green Tariff	Operating target = early 2022
Energy Efficiency for Food Services	Operating target = 2023
DAC Community Solar	Operating target = 2024/25