

June 22, 2022

# City of Oakland Workshop for Cannabis Cultivators: Rate Change to Renewable 100 Service

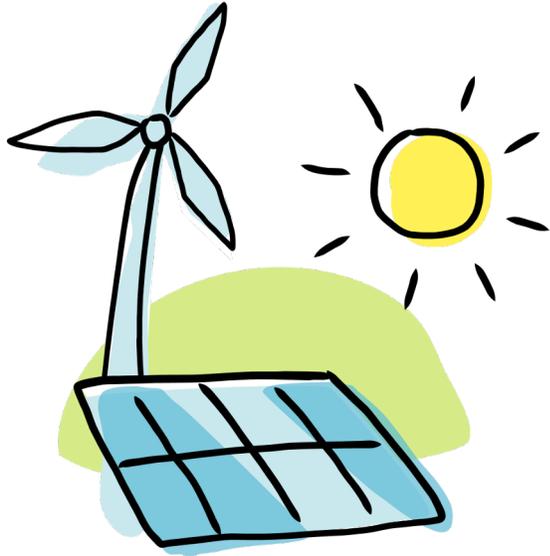


# What is EBCE?

East Bay Community Energy (EBCE) is a local, community choice power supplier committed to providing Alameda County and the City of Tracy with clean, green electricity at low rates. EBCE reinvests earnings back into the community to create local green energy jobs, local energy programs, and clean power projects.

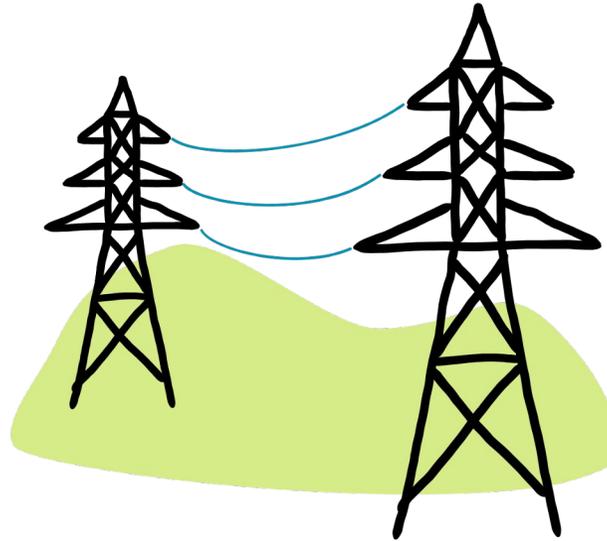


# How CCAs Work



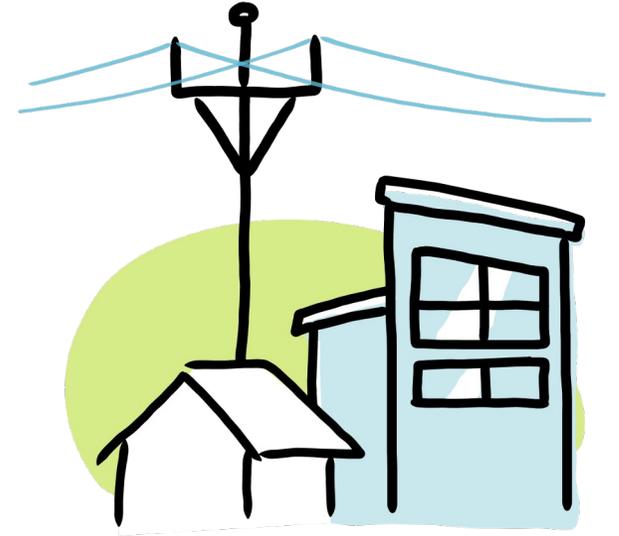
## EBCE BUYS CLEAN POWER

EBCE buys from, and is building, clean power plants. EBCE sells the power to customers at low rates.



## PG&E DELIVERS THE POWER

EBCE's power is delivered to customers by PG&E. Customers pay PG&E for power delivery as they always have.

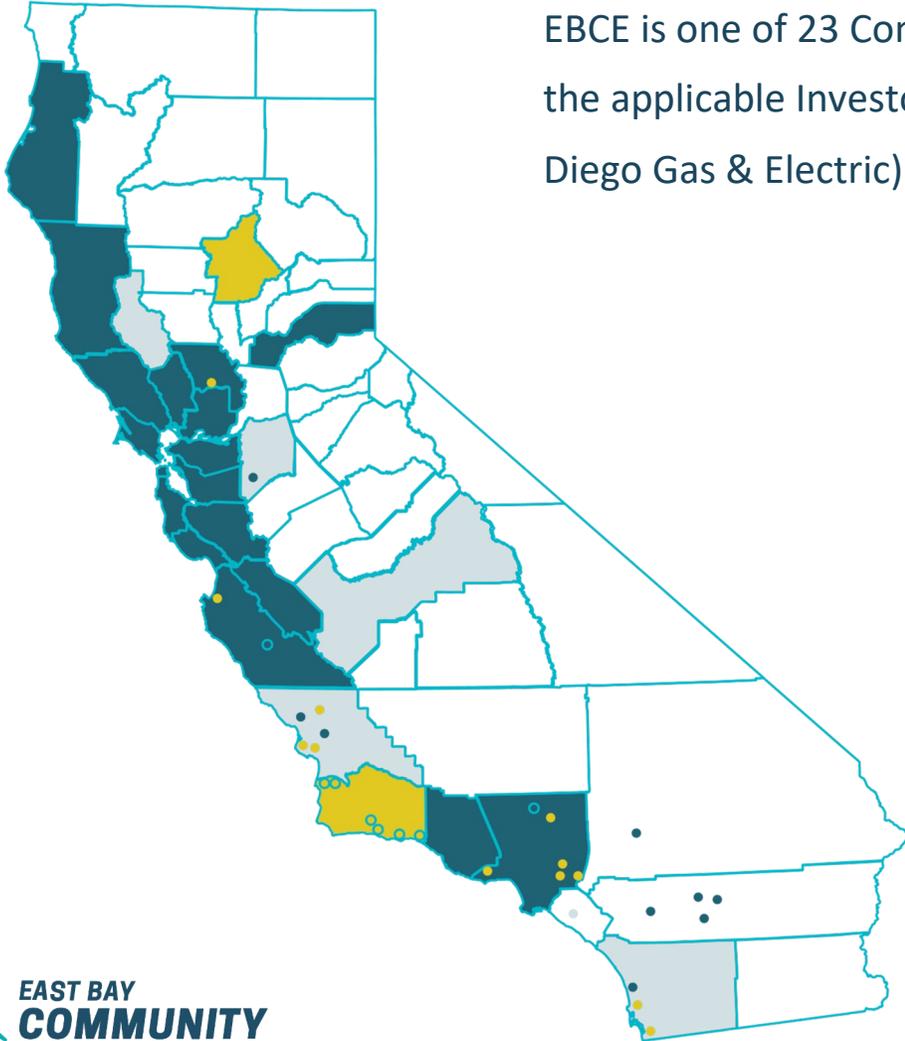


## YOU GET THE POWER AND ALL THE BENEFITS

You benefit from clean energy, low rates, local governance, and innovative programs.

# CCAs Are Proven Across California

EBCE is one of 23 Community Choice Agencies in California offering an alternative to the applicable Investor-Owned Utilities (PG&E, Southern California Edison, and San Diego Gas & Electric)



**Over 3,600 Megawatts**

of new clean generation capacity contracted through long term Power Purchase Agreements by CCAs across California

**40%**

In 2019, CCA's served over 40% of load in PG&E's service area

**10%**

In 2019, EBCE served about 10% of load in PG&E's service area

**\$10M**

EBCE saved customers \$10 Million in 2020

**\$29.5M**

EBCE has saved customers ~\$29.5 Million since program launch in 2018

# EBCE's History in Brief

2015

Feasibility study  
commissioned by  
County of Alameda

2017

EBCE formed  
as a Joint Powers  
Authority

2018

Launched  
service to  
commercial  
customers  
in June and  
residential  
customers in  
November

2019

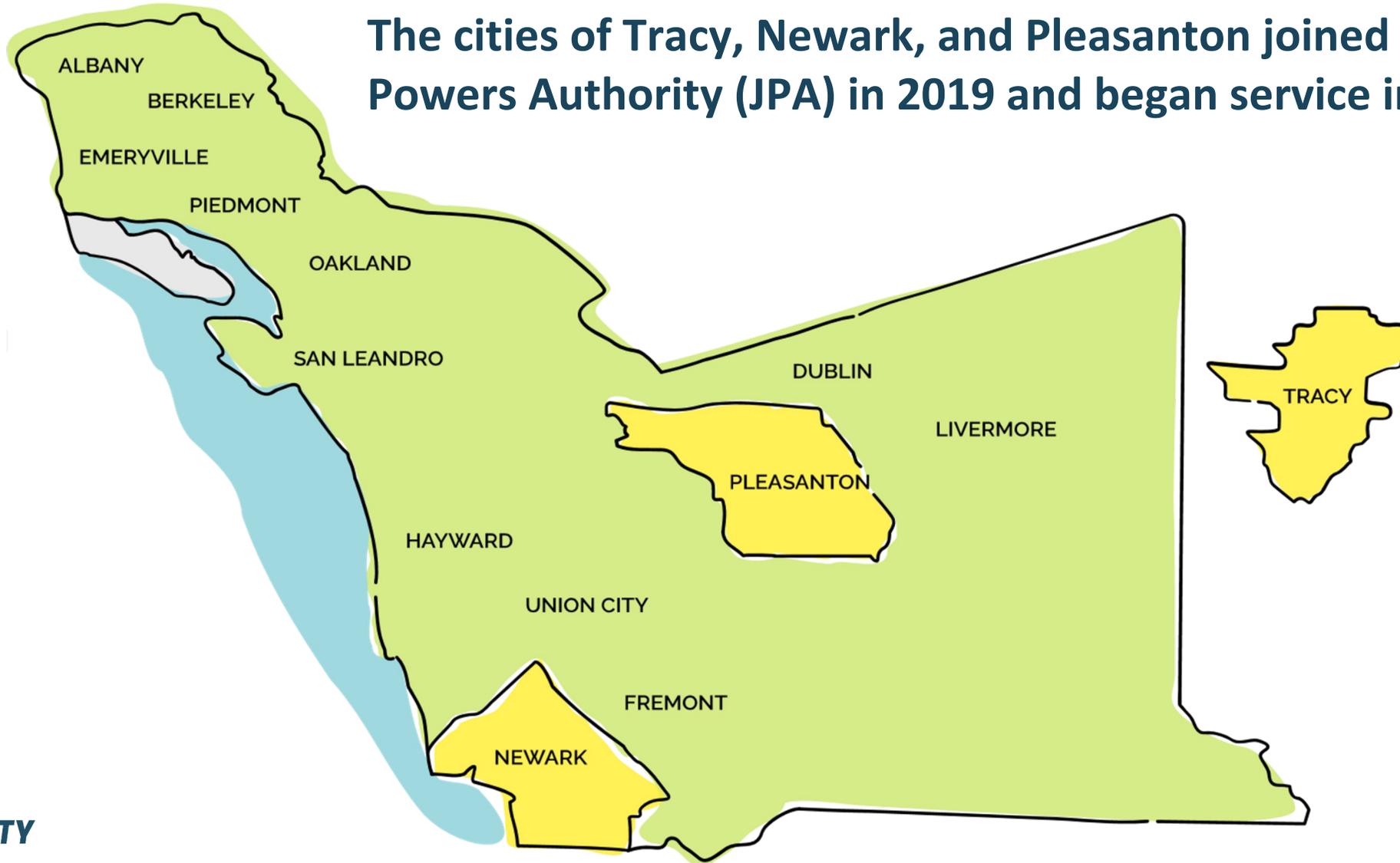
Cities of Tracy,  
Pleasanton, &  
Newark join JPA

2021

Began service  
to new cities

# EBCE Member Jurisdictions

The cities of Tracy, Newark, and Pleasanton joined EBCE's Joint Powers Authority (JPA) in 2019 and began service in April 2021.



# What Are the Benefits?



LOW RATES



LOCAL CONTROL  
& INVESTMENT

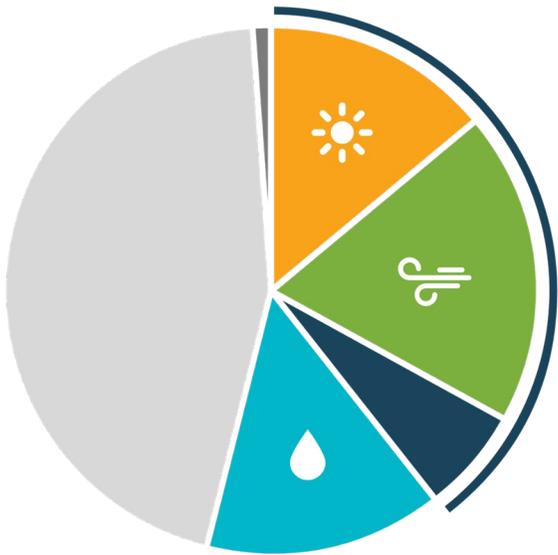


SUSTAINABILITY



CUSTOMER CHOICE  
& PROGRAMS

# EBCE Rate Decrease August 2022



## BRIGHT CHOICE

Renewable energy currently at rates 1% below PG&E

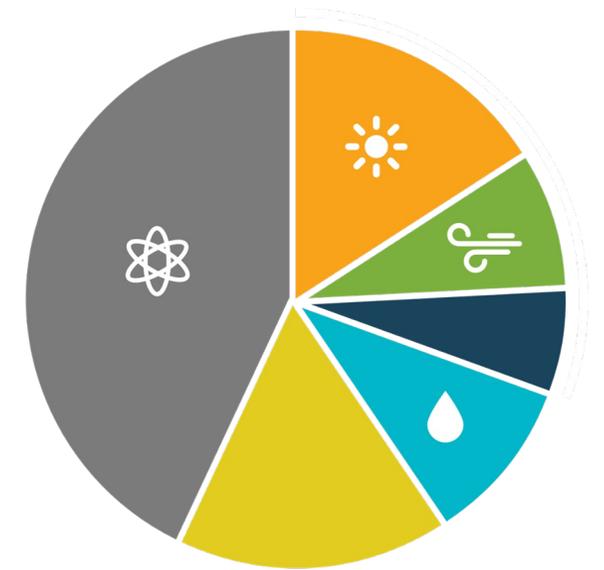
**3% below PG&E: August 2022**



## RENEWABLE 100

100% California solar & wind energy currently at 1 cent per kilowatt-hour above PG&E rates.

**3/4's of a cent: August 2022**



## PG&E

### KEY

■ Wind ■ Solar ■ Hydro ■ Biomass & Biowaste, Geothermal, Eligible Hydroelectric  
■ Other or Unspecified ■ Natural Gas ■ Nuclear

# Power Purchasing Agreements (PPAs)

EBCE is looking to add more California wind, solar, and storage to the grid.

These PPAs are enabling new construction of clean energy solutions.

**11** PROJECTS CONTRACTED

**688+** MEGAWATTS OF WIND AND SOLAR

**350+** MEGAWATTS OF BATTERY STORAGE



Rosamond Central Solar Project | Commissioned in December 2020

# Power Purchase Agreements

## 11 contracted Power Purchase Agreements

- 688+ MW of wind and solar
- 350+ MW of storage



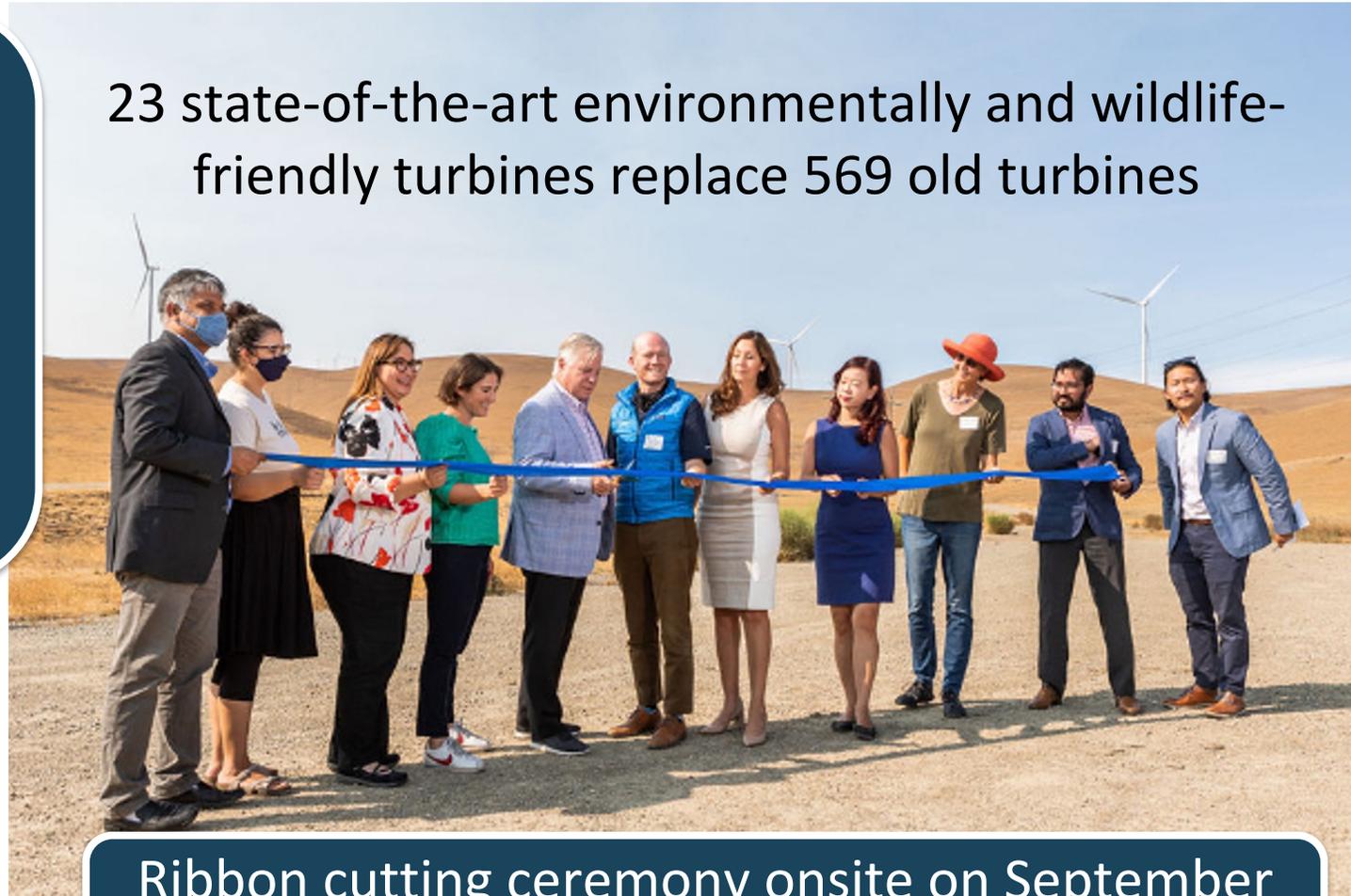
## Contracted

DEVELOPER	PROJECT NAME	TECHNOLOGY	NAMEPLATE MW	STORAGE MW/MWH	COUNTY	ONLINE	TERM (YEARS)	VIDEO
<b>Clearway Energy Group</b>	Golden Fields Solar	Solar	112	N/A	Kern	December 2020	15	<a href="#">Here</a>
<b>Greenbacker Capital</b>	Scott Haggerty Wind Energy Center	Wind	57.5	N/A	Alameda	July 2021	20	<a href="#">Here</a>
<b>Idemitsu Renewables</b>	Tulare Solar Center	Solar	56	N/A	Tulare	January 2022	15	
<b>EDP Renewables</b>	EDPR Solar Park	Solar + Storage	100	30/120	Fresno	December 2022	20	
<b>AES/aPower</b>	Raceway Solar	Solar + Storage	125	80/160	Kern	December 2022	20	
<b>Terra-Gen</b>	Edwards Solar	Solar + Virtual Storage	100	TBD	Kern	December 2022	15	
<b>Clearway Energy Group</b>	Daggett 3	Solar+ Storage	12.5	12.5/50	San Bernadino	April 2023	15	
<b>Intersect Power</b>	Oberon	Solar+ Storage	125	125	Riverside	January 2024	10+	
<b>Convergent Energy and Power</b>	Henrietta D Energy Storage	Storage	10	10/40	Kings	January 2022	15	
<b>Terra-Gen</b>	Sanborn Storage	Storage	47	47/188	Kern	June 2022	12	
<b>LS Power</b>	Tumbleweed Energy Storage	Storage	50	50/200	Kern	June 2024	15	

# Spotlight: Scott Haggerty Wind Energy Center

The clean electricity created from the new turbines will serve as a main supply source for EBCE's Renewable 100 program, a power mix of wind and solar energy servicing about 100,000 customers.

23 state-of-the-art environmentally and wildlife-friendly turbines replace 569 old turbines



Ribbon cutting ceremony onsite on September 24, 2021

# Local Programs



**Power through life's disruptions.**

New solar + home battery backup incentive available in Alameda County.

**ebce Resilient Home**

**EAST BAY COMMUNITY ENERGY**



Clean Cooking with Induction

# The Perfect Shakshuka

by Reem Assil

**ebce**

# What EBCE Service Am I On Today?

Check your PG&E Statement

## Details of East Bay Community Energy Electric Generation Charges

09/10/2021 - 10/10/2021 (31)

Service For:  
Service Agreement ID: ESP Customer N

09/10/2021 - 10/10/2021

Rate Schedule: B19S-Renewable 100				
Max Part-Peak Demand Summer	7.540000	kW	@ \$1.42936	\$10.78
Max Peak Demand Summer	7.540000	kW	@ \$9.80904	73.96
Max Peak Demand Winter	0.124000	kW	@ \$0.55484	0.07
Off-Peak Summer	542.937000	kWh	@ \$0.08530	46.31
Off-Peak Winter	20.780000	kWh	@ \$0.08522	1.77
Part-Peak Summer	125.818500	kWh	@ \$0.10573	13.30
Peak Summer	157.028000	kWh	@ \$0.13463	21.14
Peak Winter	5.538000	kWh	@ \$0.11628	0.64
Renewable100	852.101500	kWh	@ \$0.01000	8.52
Power Charge Indifference Adjustment Credit				-38.67
Franchise Fee Surcharge Credit				-0.39
		Net Charges		137.43
Energy Commission Tax				0.26

EBCE offers Bright Choice at a 1% discount to PG&E generation rates.  
Learn more at [ebce.org/bill](http://ebce.org/bill)

**Total East Bay Community Energy Electric Generation Charges \$137.69**

Renewable  
100

## Details of East Bay Community Energy Electric Generation Charges

10/18/2021 - 11/15/2021 (29 billing days)

Service For:  
Service Agreement ID: ESP Customer Number:

10/18/2021 - 11/15/2021

Rate Schedule: B1-Bright Choice				
Off-Peak Winter	364.123900	kWh	@ \$0.10087	\$36.73
Peak Winter	94.713600	kWh	@ \$0.11699	11.08
Power Charge Indifference Adjustment Credit				-21.18
Franchise Fee Surcharge Credit				-0.27
Bright Choice				-0.48
		Net Charges		25.94

Bright Choice



Or, call us at 833-699-3223. Press 0 to be connected to a Customer Service Representative.

# Change Your Service Plan to Renewable 100 Using Our Call Center

Call an EBCE Customer Service Representative @ 1-833-699-EBCE (3223) and they can walk you through the plan change to Renewable 100

**Get In Touch**



We want to hear from you! EBCE is dedicated to providing cleaner energy throughout Alameda County. We care about this community, because it's where we live and work, too.

Send us an email at [customer-support@ebce.org](mailto:customer-support@ebce.org)

Call us at **1-833-699-EBCE (3223)** and speak with a live representative Monday - Friday from 9AM-5PM.

We also have a live-chat feature enabled on this webpage during business hours.

For account-specific inquiries, please include your PG&E account number and service address.

# Change Your Service Plan to Renewable 100 Using Our Web Site

Go to the ebce.org web site.  
Scroll to bottom of the home page.  
Select “Change My Plan”

[Customer Confidentiality ▶](#)

[Key Documents ▶](#)

[Frequently Asked Questions ▶](#)

[Solicitations ▶](#)

[Service Terms and Conditions ▶](#)

[Website Terms of Use ▶](#)

[CHOOSE 100% RENEWABLE ENERGY](#)

[CHANGE MY PLAN ▶](#)

STAY CONNECTED



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1-833-699-EBCE (3223)



# Takes You to the “Change My Plan” Webpage

## Change My Plan



You can change your service plan any time with EBCE service, or choose PG&E.

To change your service plan you'll need your **PG&E account number**, the **last name or business name tied to the account**, and the **zipcode** tied to the account.



## ENERGY STATEMENT

[www.pge.com/MyEnergy](http://www.pge.com/MyEnergy)

Account No: 1234567890-1  
Statement Date: 11/12/2021  
Due Date: 12/03/2021

# Under “Upgrade Your plan” select “Choose Renewable 100”



## Select an option

### Upgrade your plan

to get 100% renewable energy

[CHOOSE RENEWABLE 100 ▶](#)

### Come back to EBCE

with no additional cost if you previously opted out.

[CHOOSE EBCE ▶](#)

### Lower my bill

Enjoy 1% monthly bill savings with more renewable energy than PG&E

[CHOOSE BRIGHT CHOICE ▶](#)

### Switch to PG&E

electric generation service and no longer receive clean energy with lower rates.

[CHOOSE PG&E ▶](#)

# Thank You!



Questions? Give us a call:

**1-833-699-EBCE (3223)**



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