



**CAC Item C7  
Staff Report Item 17**

**TO:** East Bay Community Energy Board of Directors

**FROM:** Annie Henderson, VP Marketing and Account Services  
Izzy Carson, Power Resources Manager

**SUBJECT:** Joint Rate Mailer and 2021 Power Content

**DATE:** July 20, 2022

---

**Recommendation**

Receive a staff report and presentation providing an overview of the contents in the Joint Rate Mailer (JRM) - a customer notification sent each year.

**Background and Discussion**

The intent of this staff report is to provide an overview of the contents in the JRM. The attached presentation covers the JRM and Joint Rate Comparison with specific attention provided to differences in rate comparison and initial 2021 power content.

**Fiscal Impact**

No immediate fiscal impact

**Attachments**

- A. Joint Rate Mailer and Power Content PPT

JULY 2022

# EBCE Joint Rate Mailer and 2021 Power Content



# Overview of Rate Comparison and Mailer

Attachment Staff Report Item 17A

## Joint Rate Comparison

- Required by CPUC
- Must be updated within 60 days of any rate change (EBCE or PG&E)
- Must be posted on the website
- Does not include power content
- This document includes rate comparisons for all 22 rate schedules served by EBCE

## Joint Rate Mailer (JRM)

- Required by CPUC
- Fixed template, approved by Public Advisor's Office and co-branded with PG&E
- Goes to all EBCE-eligible customers (including those that opted out) via email or mail
- Includes draft power content
- Deadline is July 1
- There are four versions of this mailer, sent to customers by their rate class: residential, small business, commercial, and industrial

# Items of Note on Rate Presentation

Attachment Staff Report Item 17A

## Joint Rate Comparison

- First time PG&E breaks out the PCIA cost to bundled customers
- Currently uses EBCE 2018 PCIA Vintage (majority of EBCE customers) and PG&E 2021 PCIA Vintage
- PG&E Bundled customers always pay the most current PCIA vintage
- JRC will be updated and posted to website with June PG&E rate changes and any update to EBCE FY22/23 value proposition (3% discount, ¾ cent premium)

## Joint Rate Mailer (JRM)

- First time PG&E breaks out the PCIA cost to bundled customers
- Will present “apples to apples” with both EBCE and PG&E examples using the most current PCIA Vintage
- 2022 JRM will use EBCE rates based on value proposition prior to FY22/23 (1% discount, 1 cent premium)

(PG&E Gen Rate + PCIA)

To appropriately compare rates:  
vs.

(EBCE Gen Rate + PCIA)

# Draft 2022 EBCE JRM (2021 Power Content)

Attachment Staff Report Item 17A



East Bay Community Energy  
1999 Harrison Street, Suite 800  
Oakland, CA 94612



For information, visit: [ebce.org](http://ebce.org)  
Para detalles de este programa en español, visite: [ebce.org/es](http://ebce.org/es)  
參閱本計劃中文版本, 請上: [ebce.org/cn](http://ebce.org/cn)

## We support your power to choose

As part of our mutual commitment to support your energy choice, East Bay Community Energy (EBCE) and Pacific Gas and Electric Company (PG&E) have partnered to provide you with a comparison of typical residential electric rates, average monthly charges, and generation portfolio contents.

If this comparison does not address your specific rate, please visit PG&E online at [pge.com/cca](http://pge.com/cca) or call 1-866-743-0335. For more information on EBCE's generation rate, please visit [ebce.org/rates](http://ebce.org/rates) or call 1-833-699-EBCE (3223).

## Understanding your energy choices

### Residential Electric Rate Comparison E-TOU-C Time-of-Use (Peak Pricing 4–9PM Everyday)

	PG&E	EBCE Bright Choice	EBCE Renewable 100
Generation Rate (\$/kWh)	\$0.12112	\$0.11964	\$0.13112
PG&E Delivery (\$/kWh)	\$0.19790	\$0.19790	\$0.19790
PG&E PCIA/FF (\$/kWh)	\$0.02653	\$0.02653	\$0.02653
Total Electricity Cost (\$/kWh)	\$0.34555	\$0.34407	\$0.35555
Average Monthly Bill (\$)	\$134.63	\$134.06	\$138.53

#### Current rates as of March 2022

This table compares electricity costs for an average residential customer in the EBCE/PG&E service area with an average monthly usage of 390 kilowatt-hours (kWh). This is based on a representative 12-month billing history for all customers on the E-TOU-C rate schedule for PG&E's and EBCE's published rates as of March 2022.

**Generation Rate** is the cost of creating electricity to power your home. The generation rate varies based on your energy provider and the resources included in your energy provider's generation supply.

**PG&E Delivery Rate** is a charge assessed by PG&E to deliver electricity to your home. The PG&E delivery rate depends on your electricity usage but is charged equally to both EBCE and PG&E customers.

**PG&E PCIA/FF** The PCIA is a charge to ensure that both PG&E customers and those who have left PG&E service to purchase electricity from other providers pay the above market costs for generation resources that were procured by PG&E on their behalf. "Above market" refers to expenditures for electric generation resources that cannot be fully recovered through sales of these resources at current market prices. PG&E acts as a collection agent for the FF surcharge, which is levied by the California Public Utilities Commission on behalf of cities and counties in PG&E's service territory for all customers. PG&E bundled customers pay the PCIA and FF fees associated with the most currently available vintage year. PG&E charges EBCE customers the PCIA and FF fees based on the year that they transitioned to EBCE service. Visit [www.ebce.org/rates](http://www.ebce.org/rates) for more information.

If this comparison does not address your specific rate, please visit PG&E online at [pge.com/cca](http://pge.com/cca) or call 1-866-743-0335. For more information on EBCE's generation rates, please visit [ebce.org/rates](http://ebce.org/rates) or call 1-833-699-EBCE (3223).

### 2021 Electric Power Generation Mix\*

Percent of Total Retail Sales (kWh)

Specific Purchases	PG&E	EBCE Bright Choice	EBCE Renewable 100
<b>Renewable</b>	48.1%	42.3%	100.0%
Biomass & Biowaste	4.2%	0.5%	0.0%
Geothermal	5.2%	0.0%	0.0%
Eligible Hydroelectric	1.8%	0.2%	0.0%
Solar Electric	26.0%	19.0%	50.0%
Wind	10.9%	22.6%	50.0%
<b>Coal</b>	0.0%	0.0%	0.0%
<b>Large Hydroelectric</b>	4.0%	15.9%	0.0%
<b>Natural Gas</b>	8.5%	0.0%	0.0%
<b>Nuclear</b>	39.3%	1.7%	0.0%
<b>Other</b>	0.0%	0.1%	0.0%
<b>Unspecified Sources of Power**</b>	0.0%	40.0%	0.0%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

\*As reported to the California Energy Commission's Power Source Disclosure Program. EBCE and PG&E data is subject to an independent audit and verification that will not be completed until later in 2022. The figures above may not sum up to 100 percent due to rounding.

\*\*Unspecified sources of power refers to electricity that is not traceable to a specific generating facility, such as electricity traded through open market transactions. Unspecified sources of power are typically a mix of all resource types, and may include renewables.

©2022 EBCE All rights reserved.  
©2022 Pacific Gas and Electric Company. All rights reserved.  
"PG&E" refers to Pacific Gas and Electric Company, a subsidiary of PG&E Corporation.  
6.22 CCC-0622-4932



# Rate Comparison - Residential Example

Attachment Staff Report Item 17A

Residential: E-TOUC	Joint Rate Comparison			Joint Rate Mailer		
	2021 Vintage PCIA	<u>2018</u> Vintage PCIA		<u>2021</u> Vintage PCIA all customers		
	PG&E	EBCE Bright Choice	EBCE Renewable 100	PG&E	EBCE Bright Choice	EBCE Renewable 100
Generation Rate (\$/kWh)	\$0.12112	\$0.12573	\$0.13721	\$0.12112	\$0.11964	\$0.13112
PG&E Delivery (\$/kWh)	\$0.19790	\$0.19790	\$0.19790	\$0.19790	\$0.19790	\$0.19790
PG&E PCIA/FF (\$/kWh)	\$0.02653	<u>\$0.02044</u>	<u>\$0.02044</u>	<u>\$0.02653</u>	<u>\$0.02653</u>	<u>\$0.02653</u>
Total Electricity Cost (\$/kWh)	\$0.34555	\$0.34407	\$0.35555	\$0.34555	\$0.34407	\$0.35555
<b>Average Monthly Bill (\$)</b>	<b>\$134.63</b>	<b>\$134.06</b>	<b>\$138.53</b>	<b>\$134.63</b>	<b>\$134.06</b>	<b>\$138.53</b>

Average Monthly Usage      390 kWh

# Comparison of CCA Rates over time

Attachment Staff Report Item 17A

**Base Product** comparison to IOU for prominent residential rate (based on JRM)

CCA	2020	2021	2022 w/new value proposition for EBCE
EBCE	-1%	-1%	-3%
MCE Clean Energy	3%	18%	-16%
CleanPowerSF	-1%	2%	0%
San Jose Clean Energy	-1%	-0.25%	0%
Clean Power Alliance	4%	18%	23%

**100% Renewable Energy Product** comparison to IOU for prominent residential rate

CCA	2020	2021	2022 w/new value proposition for EBCE
EBCE	9%	9%	5%
MCE Clean Energy	11%	27%	-9%
CleanPowerSF	8%	11%	7%
San Jose Clean Energy	8%	9%	15%
Clean Power Alliance	24%	29%	23%

# Power Content Comparison

Attachment Staff Report Item 17A

Specific Purchases	Percent of Total Retail Sales (kWh)		
	PG&E	EBCE	
		Bright Choice	Renewable 100
<b>Renewable</b>	<b>48.7%</b>	<b>42.3%</b>	<b>100.0%</b>
Biomass & Biowaste	4.2%	0.5%	0.0%
Geothermal	5.2%	0.0%	0.0%
Eligible Hydroelectric	1.8%	0.2%	0.0%
Solar	26.6%	19.0%	50.0%
Wind	10.9%	22.6%	50.0%
<b>Coal</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>
<b>Large Hydroelectric</b>	<b>4.0%</b>	<b>15.9%</b>	<b>0.0%</b>
<b>Natural Gas</b>	<b>7.9%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>Nuclear</b>	<b>39.3%</b>	<b>1.7%</b>	<b>0.0%</b>
<b>Other</b>	<b>0.0%</b>	<b>0.1%</b>	<b>0.0%</b>
<b>Unspecified Sources of Power**</b>	<b>0.0%</b>	<b>40.0%</b>	<b>0.0%</b>
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

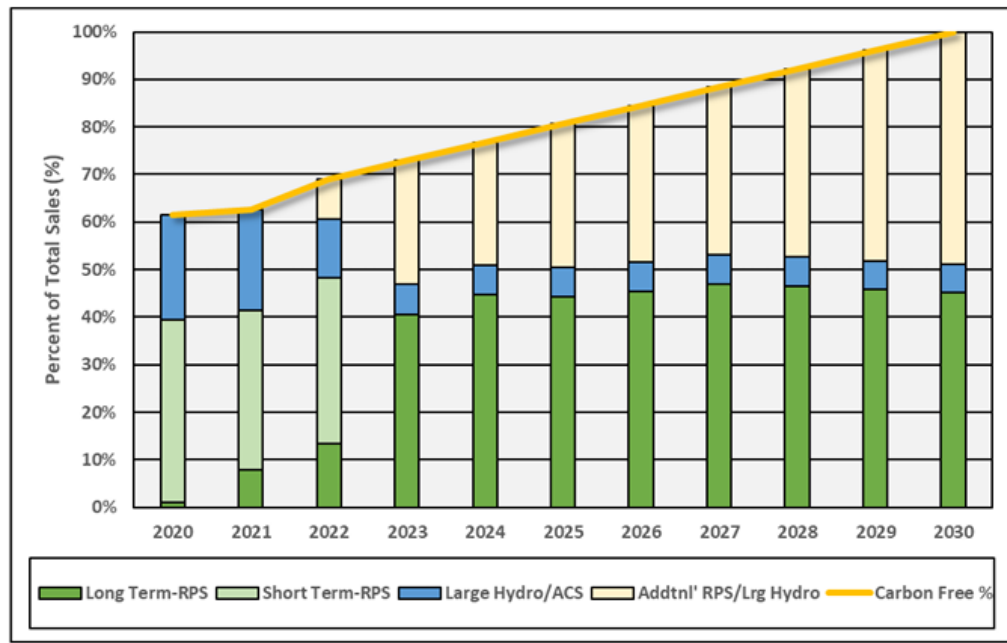


# EBCE Procurement Policy for Bright Choice

Attachment Staff Report Item 17A

The Renewable Content Target for Bright Choice is based on PG&E's prior year renewable energy power content forecast, plus 5%. We are on track to be 100% carbon-free and 80% renewable for all customers by 2030, per our Board presentation in April.

2020 PG&E RPS Forecast	36.2%
	+5.0%
2021 Bright Choice RPS %	=41.2%



# EBCE 2021 Draft Power Content and Bright Choice Targets

Attachment Staff Report Item 17A

Draft 2021 PG&E RPS %	Draft 2021 Bright Choice RPS %
48.7%	42.3%

2021 Draft Power Content is in alignment with EBCE's clean energy goal of achieving zero emission electricity by 2030 and exceeds the approved 2021 minimum renewable power content target of 41.2% for the Bright Choice Plan.

Bright Choice targets looking forward:

Year	2021	2022	2023
Renewable %	41%	50%	54%

# EBCE PCL RPS Overtime

Attachment Staff Report Item 17A

	EBCE Bright Choice	PG&E	Differential
2018	41%	39%	+2%
2019	60%	29%	+31%
2020	40%	31%	+9%
2021	42%	48%	-6%
AVERAGE	46%	37%	+9%

# CCA 2021 Base Product Power Content per JRM

Attachment Staff Report Item 17A

2021 Power Content	PG&E	EBCE	SVCE	SJCE	CPSF	MCE
RPS	49%	42%	44%	36%	55%	60%
Large Hydro	4%	16%	36%	0%	38%	37%
Nuclear	39%	<2%	20%	53%	0%	1%
<i>Non-Nuclear Carbon-free</i>	<i>52%</i>	<i>58%</i>	<i>80%</i>	<i>36%</i>	<i>93%</i>	<i>97%</i>
2021 Cost Differential from PG&E		-1%	-1%	-0.25%	+2%	+18%

## RATES

- **Discount:** EBCE continues to provide a product at a discount to PG&E
- **PCIA:** PG&E customers have always paid for the PCIA, but it was previously embedded in the PG&E Generation Rate

## POWER CONTENT

- **2030:** EBCE is focused on the 2030 goal of 100% clean power
- **Clean:** EBCE's 2021 Bright Choice content has 5.5% more GHG-free power vs. PG&E, exclusive of nuclear power
- **This path was advocated by the public and chosen by the Board.** From the staff report to the Board in April 2022: "The fundamental question for accepting nuclear or not comes down to a trade-off between having nuclear and lower greenhouse gas emissions, or not having nuclear and accepting higher greenhouse gas emissions."
- **System:** More renewable energy on the grid is a good thing for all customers