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# East Bay Community Energy

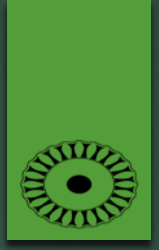
## Selection of Default Electricity Product for Residential Customers

UTILITIES & ENVIRONMENTAL SERVICES

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May 22, 2018

# East Bay Community Energy



- ▶ JPA established in late 2016
- ▶ EBCE Board meeting regularly since January 2017
- ▶ Goals include:
  - ▶ Rates competitive with PG&E
  - ▶ Electricity with lower GHG intensity
  - ▶ Develop new renewable energy facilities in Alameda County



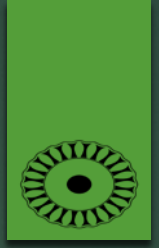
# EBCCE Timeline



Phase 1 (Non-residential Customers)	
Mid-May	Letters from City Delivered
April & May	1 <sup>st</sup> & 2 <sup>nd</sup> Notices Delivered
June	Phase 1 Service Begins
June & July	3 <sup>rd</sup> & 4 <sup>th</sup> Notices Delivered

Phase 2 (Residential Customers)	
June 6	Deadline for Cities to Choose Default for Phase 2
August	Letters from City
September & October	1 <sup>st</sup> & 2 <sup>nd</sup> Notices Delivered
November	Phase 2 Service Begins
November & December	3 <sup>rd</sup> & 4 <sup>th</sup> Notices Delivered

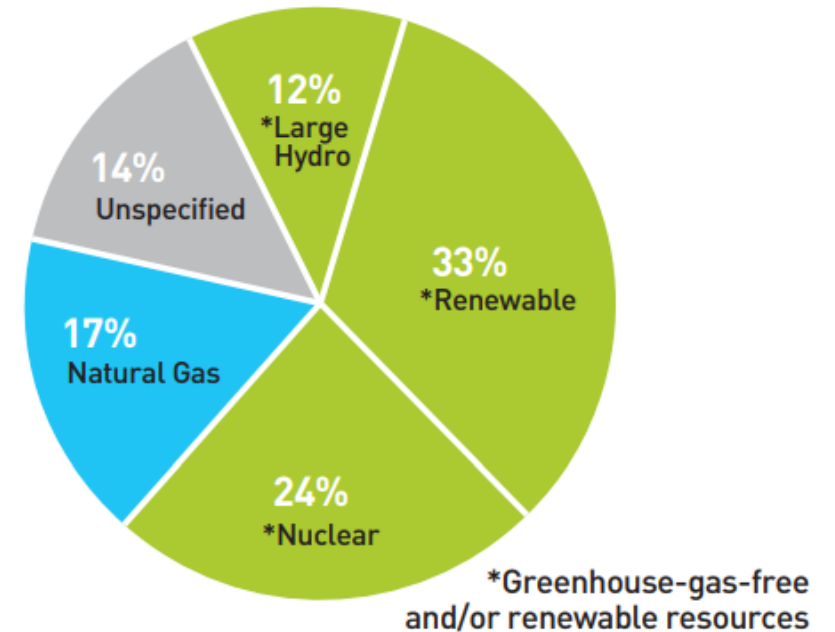
# Renewable Portfolio Standard (RPS)



- ▶ California requirements:
  - ▶ 33% renewable by 2020
  - ▶ 50% renewable by 2030
- ▶ In 2016, PG&E was 69% GHG Free

## 2016 POWER MIX

PG&E-owned generation and power purchases

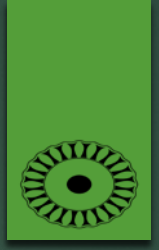


# EBCCE Electricity Products



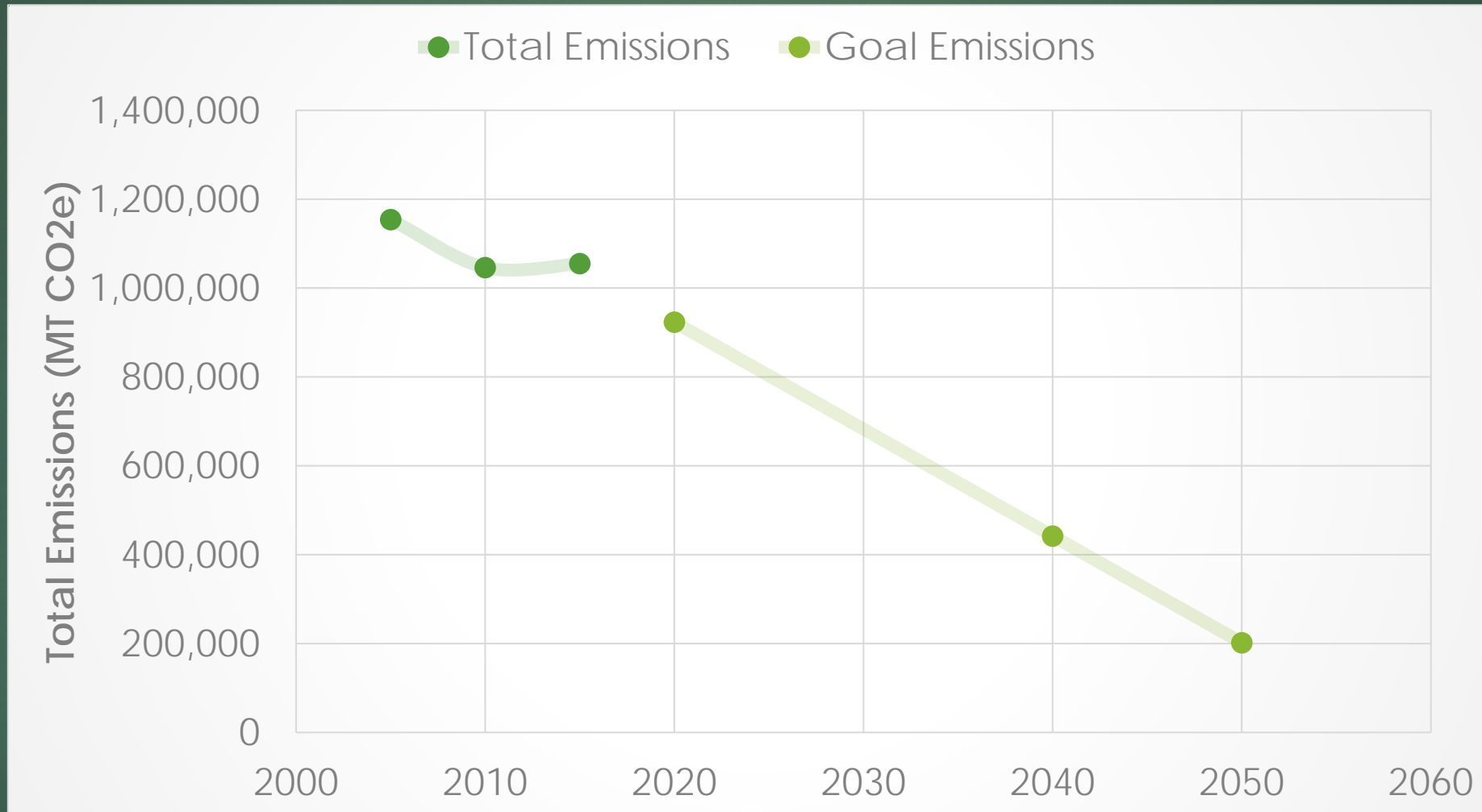
			100% Renewable
Sources	38% renewable, 47% large hydro	40% renewable, 60% large hydro	100% renewable
GHG Emissions	85% GHG free	100% GHG free	100% GHG free
Rate	1.5% less than PG&E	Equal to PG&E	3 to 5% more than PG&E

# Community Concerns

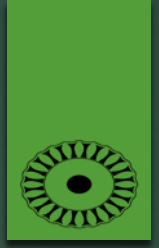


- ▶ EBCE has been marketed as a program that will be cheaper than PG&E.
- ▶ Brilliant 100 as default will cause complexity and confusion
- ▶ Brilliant 100 as default will be a violation of public trust and will be discriminatory.
- ▶ Brilliant 100 as default will create less demand for 100% renewable option
- ▶ Customers will see this as a bait and switch
- ▶ All cities need to move together toward 100% renewable energy
- ▶ Brilliant 100 as the default will cause more opt outs.

# GHG Inventories & CAP Goals



# Hayward Households



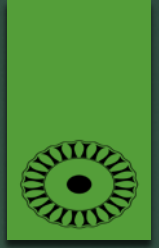
There are approximately 48,000 residential accounts in Hayward, including:

- ▶ 14,000 CARE customers
- ▶ 500 FERA customers
- ▶ 1,900 Medical Baseline\*

\* Calculated based on EBCE total



# Economic Impact



If Bright Choice is default, customers will see some minimal savings (less than 1%).

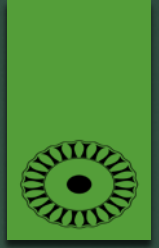
If Brilliant 100 is default, customers will see no change in cost of electricity.

# Product Comparison



Electricity Usage (kWh)	Bright Choice	PG&E	Brilliant 100	Monthly Difference
300	\$63.03	\$63.51	\$63.51	\$0.48
400	\$88.99	\$89.66	\$89.66	\$0.67
500	\$116.77	\$117.65	\$117.65	\$0.88

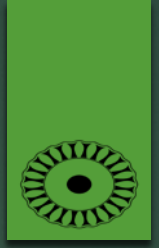
# Current Opt Out Rates



As of May 21, 2018:

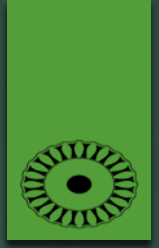
	# of Opt Outs	# of Phase 1 Accounts	Opt Out Rate
Hayward	32	7,856	0.41%
County-wide	175	55,880	0.31%

# Council Sustainability Committee Recommendation



1. Select Brilliant 100 as the default for residential customers; and
2. Enroll income-qualified and medical baseline customers in Bright Choice

# Next Steps



- ▶ Inform EBCE of Council's decision.
- ▶ Implement outreach campaign directed to all Hayward customers.

# Questions & Discussion

