



### **Staff Report Item 5**

**TO:** East Bay Community Energy Executive Committee

**FROM:** Howard Chang, Chief Operations Executive Officer

**SUBJECT: Power Procurement Update**

**DATE:** July 20, 2018

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#### **Background**

Receive an update from staff on current power procurement activities, including

- A. Oakland Clean Energy Initiative
- B. 2018 Energy Request for Offers
- C. Joint Rate Mailer



# Procurement Update

PRESENTED BY Howard Chang  
DATE 07/20/18



# Solicitation Update

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- Oakland Clean Energy Initiative
  - Review of proposals in process
  - Mid/Late August: convene with PG&E to review respective shortlist offers
  - Mid September: Notify awardees and begin contract negotiations
- CARenewable Energy RFP
  - Review of proposals in process
  - Early August: Develop long list of projects
  - Late August : Develop short list of projects
  - Late September: Notify awardees and begin contract negotiations
- Ad-hoc committee formation
  - 5-member board committee to assist in shortlist and contracting
  - Target date to form committee(s): 7/27
  - OCEI Proposal review: Early August
  - CARenewable RFP Proposal review: Mid August

# Joint Rate Mailer / Power Content Label

## PG&E & East Bay Community Energy Comparison

### Electric Power Generation Mix\*



Specific Purchases	Percent of Total Retail Sales (kWh)			
	PG&E	PG&E Solar Choice	East Bay Community Energy Bright Choice	Brilliant 100
<b>Renewable</b>	<b>33%</b>	<b>100%</b>	<b>38%</b>	<b>40%</b>
• Biomass & Biowaste	4%	0%	0%	0%
• Geothermal	5%	0%	0%	0%
• Eligible hydroelectric	3%	0%	0%	0%
• Solar electric	13%	100%	19%	20%
• Wind	8%	0%	19%	20%
<b>Coal</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>
<b>Large Hydroelectric</b>	<b>18%</b>	<b>0%</b>	<b>24%</b>	<b>60%</b>
<b>Natural Gas</b>	<b>20%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>
<b>Nuclear</b>	<b>27%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>
<b>Other</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>
<b>Unspecified Sources of Power **</b>	<b>2%</b>	<b>0%</b>	<b>38%</b>	<b>0%</b>
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

\* As reported to the California Energy Commission's Power Source Disclosure Program, PG&E data is subject to an independent audit and verification that will not be completed until October 1, 2018. EBCE's generation data is a forecast for 2018. Actual 2018 generation data will be reported to the California Energy Commission in 2018. 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. Unspecified sources of power include power provided by Asset Controlling Suppliers "ACS". EBCE is forecasting that 23% of its generation mix will come from the BC Hydro system, which is a form of ACS.

# Joint Rate Mailer / Power Content Labels

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- The current deadline to send the joint rate mailer is Sept 1, 2018, which is a regulatory requirement by the CPUC
- This notification will be sent to all Phase 1 customers
- This is a forecasted PCL for use in the joint rate mailer and subject to change based on actual purchases. PCL for 2018 content will be finalized and sent to customers in Fall 2019
- AB1110 is an active proceeding with proposed changes to the PCL methodology, which may take effect for 2019
- Unspecified Sources of Power include power from the BC Hydro system, which is imported from the Pacific Northwest. This is forecasted to be approximately 23%.
- Large Hydro (24%) + ACS (23%) = 47% carbon free energy goal

# Carbon Accounting

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- EBCE is in the process of developing a carbon accounting methodology in accordance with the requirements of the JPA to disclose its 2018 emissions
- Under review is the accounting methodology from the Climate Registry and other methodologies
- One methodology that staff is considering is establishing an emissions benchmark for Bright Choice that utilizes the default emissions factor for CA system power of 0.428MT CO<sub>2</sub>e/MWh for 15% of the portfolio
- Staff will review with the board and seek approval prior to finalizing the methodology