



# Powering Our Future & Energizing Our Regional Economy Through Community Choice Energy



# Partners

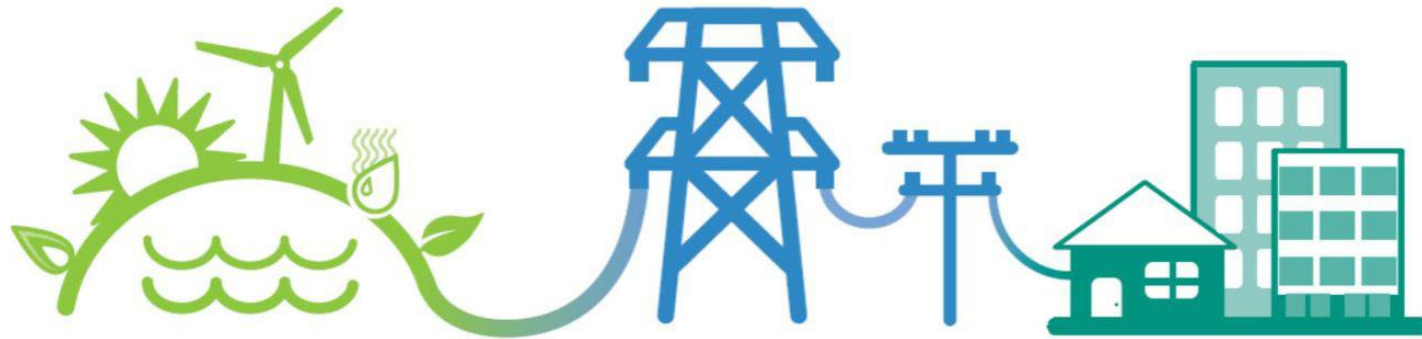
## All Monterey Bay Regional Local Governments



# What is Community Choice Aggregation?

## Community Choice Aggregation (CCA)

- Puts control of energy purchasing and pricing into local hands
- Allows the community to determine what type of energy mix best serves their needs
- Energy transmission, billing, line maintenance and customer service remains the responsibility of PG&E
- Community Choice is not a utility company, it is an energy procurement company



### RENEWABLE ENERGY

*Electric Generation*

MBCP adds clean electricity to the grid.

### SAME SERVICE AS ALWAYS

*Electric Delivery*

PG&E provides transmission, repairs, billing and service.

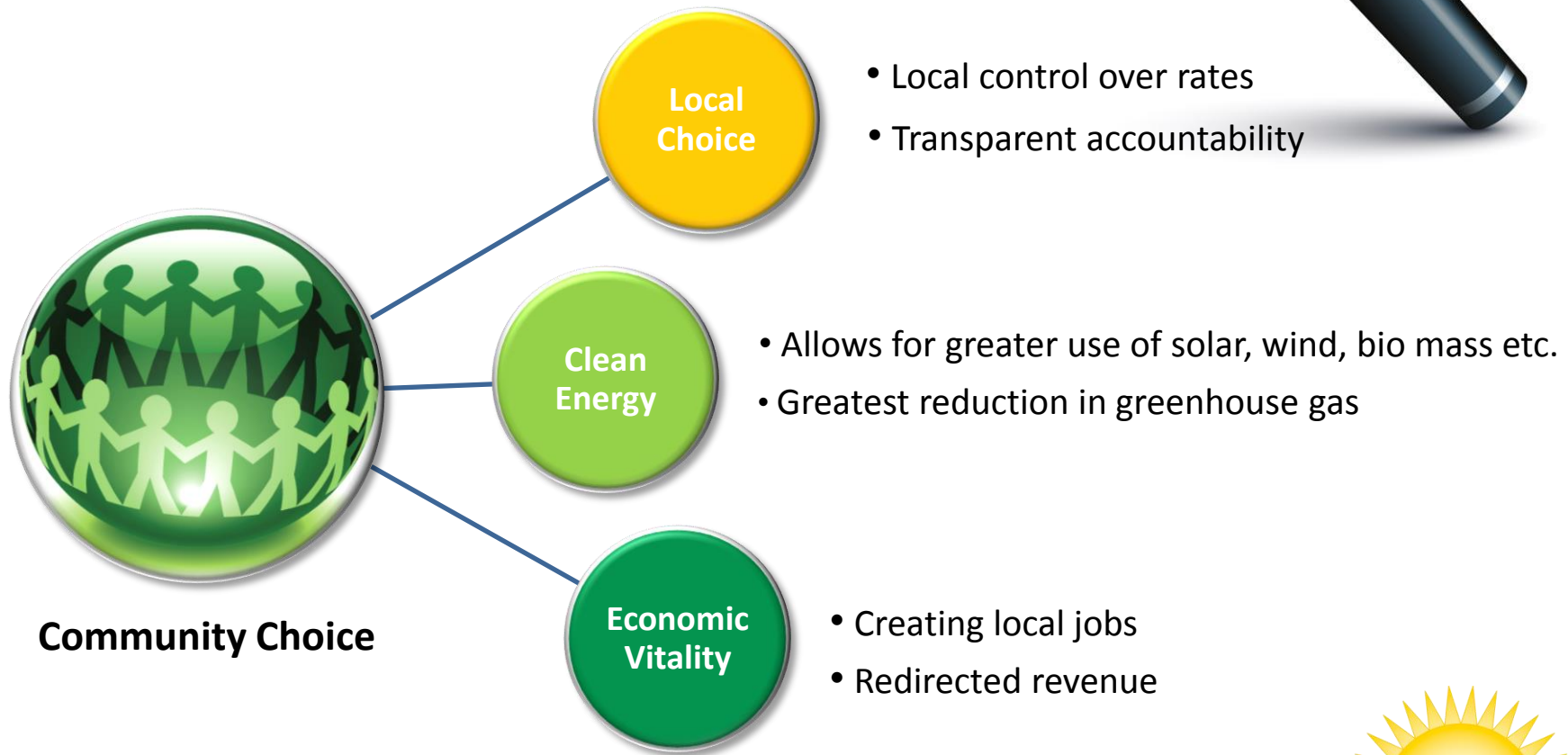
### YOUR COMMUNITY CHOICE

*A Greener Electric Option*

You can choose MBCP for cleaner energy, stable prices, and local jobs.



# Why Investigate Community Choice?



# Real World Results: 6 years



**Serves 170,500 customers**  
80% of the total customers

**Annual Budget \$145,993,097**  
Net assets forecasted to increase by \$4.5 million  
to \$16,696,319 by the end of the current fiscal  
year (March 31, 2016)

**50% renewable portfolio versus  
30% from PG&E with  
comparable rates**

**Start up costs  
completely paid off**



# Real World Results: 2 Years



**Serves 196,206 customers**  
(89% of the total customers)

**Annual Budget** \$165,495,000  
**Net assets forecasted to increase to**  
**\$30,000,000**  
by end of the fiscal year (March 31, 2016)

**36% renewable portfolio versus 30% from**  
**PG&E with 8% lower rates**  
**80% Carbon Free**

**\$1.3 million left of start up costs**  
**to pay off**



# Is Community Choice Energy Right For Us?



Same Rates or Better



Identify start up costs, financing and estimated payback



Local Jobs & Economic Development



Local Energy Supply

**Our Technical Study**  
June – Dec 2015



Green House Gas Emission Reduction Projections



Cost Benefit Analysis of Multiple Energy Sources



# Summary of Scenario Results: Year 1

Key Considerations	Scenario 1	Scenario 2	Scenario 3
<b>General Environmental Benefits</b>	59% Renewable 70% GHG-Free	71% Renewable 71% GHG-Free	28% Renewable 72% GHG-Free
<b>Rate Competitiveness</b>	≈rate parity relative to PG&E projections	≈rate parity relative to PG&E projections	Average 3% <u>savings</u> relative to PG&E rate projections
<b>Assumed MBCP Participation</b>	85% customer participation or 250,000 across all customer groups	85% customer participation or 250,000 across all customer groups	85% customer participation or 250,000 across all customer groups
<b>Annual</b> energy usage, cost and contribution to the CCE agency reserve funds to support local renewable and energy efficiency projects	Energy =3.2 million MWh Cost= \$250 million Reserve Funds = \$9.6m	Energy =3.2 million MWh Cost= \$250 million Reserve Funds = \$9.6m	Energy =3.2 million MWh Cost= \$250 million Reserve Funds = \$8.5m
<b>Comparative GHG Emissions Impacts</b>	0.126 metric tons CO <sub>2</sub> /MWh emissions rate; ≈35,660 metric ton <u>GHG emissions reduction</u> in Year 1 (≈20% reduction)	0.126 metric tons CO <sub>2</sub> /MWh emissions rate; ≈36,301 metric ton <u>GHG emissions reduction</u> in Year 1 (≈20% reduction)	0.119 metric tons CO <sub>2</sub> /MWh emissions rate; ≈44,575 metric ton <u>GHG emissions reduction</u> in Year 1 (≈25% reduction)





# Project Status

**April 30, 2016:**

- Project Development Advisory Committee will finalize the information packet with recommendations and form two subcommittees, Governance and Finance.



**May through August:**

- Regional outreach program will be deployed, including public workshops and presentations.
- PDAC subcommittees will meet to determine final structure of the CCE agency.



**October 31, 2016:**

- Final formation decisions by early adoptive county and city partners.

**September/  
October 2017:**

- CCE agency starts providing power to customers.

# QUESTIONS?



Interested in Learning more?  
Please join our email list at  
**montereybaycca.org**

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