

AUGUST 4, 2022

# 2022 Energy Resilient Municipal Critical Facilities RFO



# About EBCE

East Bay Community Energy (EBCE) is committed to providing our customers with cleaner, greener electricity at lower rates.

## WHAT ARE THE BENEFITS?

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LOWER  
RATES



LOCAL  
INVESTMENT



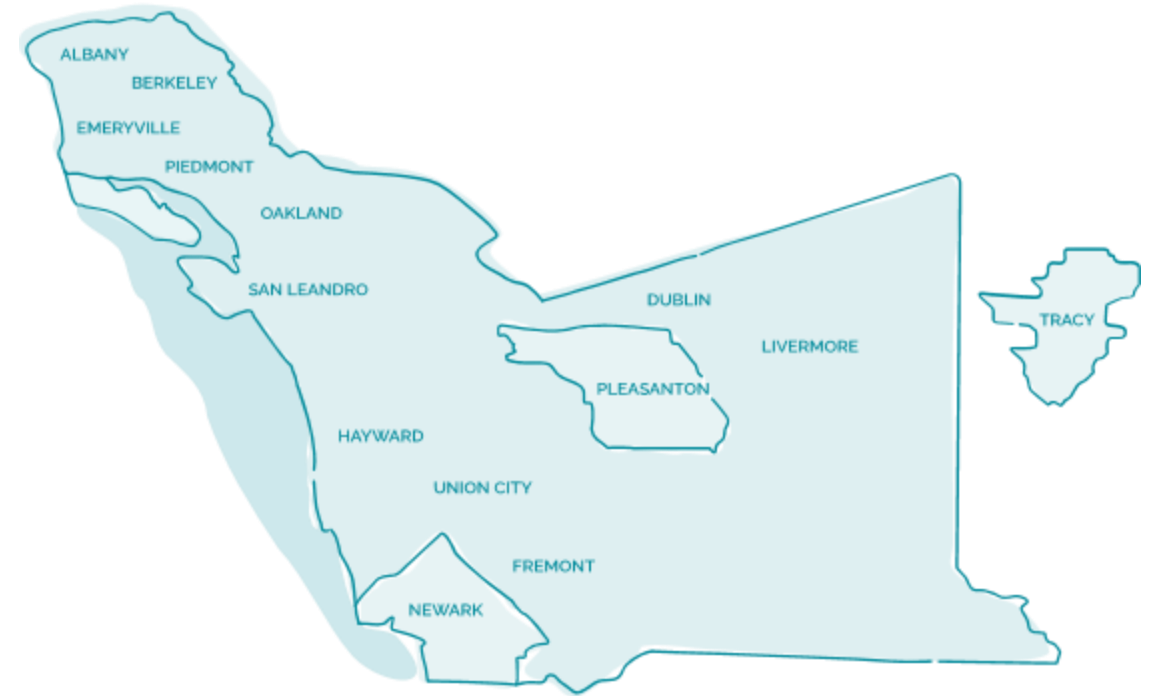
SUSTAINABILITY



CUSTOMER  
CHOICE

# About EBCE

- Joint Powers Authority governed by 15 participating members
- Largest CCA in PG&E territory serving ~7TWh load in Alameda County + Tracy
- Long-term agreements on ~825 MW+ of new renewables + ~350 MW battery storage
- Supporting members to deliver on Climate Action and Resilience Plans
- S&P rated as of 2021



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

# Program Vision

Providing clean energy for critical municipal facilities to support our members in advancing energy resilience and climate action at a lower financial and administrative cost than Cities can complete independently

Designed to address city barriers to implementation:

Expertise



Procurement



O&M



# Program Overview

## Working to deliver Solar and Storage for municipal critical facilities

- Assessed hundreds of facilities in our service area to understand characteristics + needs
- Procurement pathway based on CA § 4217.10 (TCO cost neutrality)
- RFO is for facilities in Phase 1 Cities: Fremont, Hayward, San Leandro and Berkeley
- Working with additional members to develop future Solar + Storage procurements

## Extensive diligence to hone the portfolio, speed up procurement and be cost effective

- EBCE + independent engineers engaged with Cities to vet facilities upfront based on 2020 RFI
  - Independent engineering work informs decision to include in RFO and site reports
  - Solar sized to facility load/available space, batteries sized to support 25% of peak load

# Derisking the Portfolio

## EBCE time and effort on extensive City engagement reduces developer risk

- All City Councils passed resolutions to sign PPA that meets cost effectiveness
- EBCE and contracted Independent Engineers have worked with City Departments to confirm system designs and siting provided in RFO for bidding
- City Attorneys pre-approved PPA issued with RFO
- Portfolio aggressively honed to remove projects with high degree of difficulty and cost
- EBCE will continue to coordinate with Cities to expedite project management with selected vendor

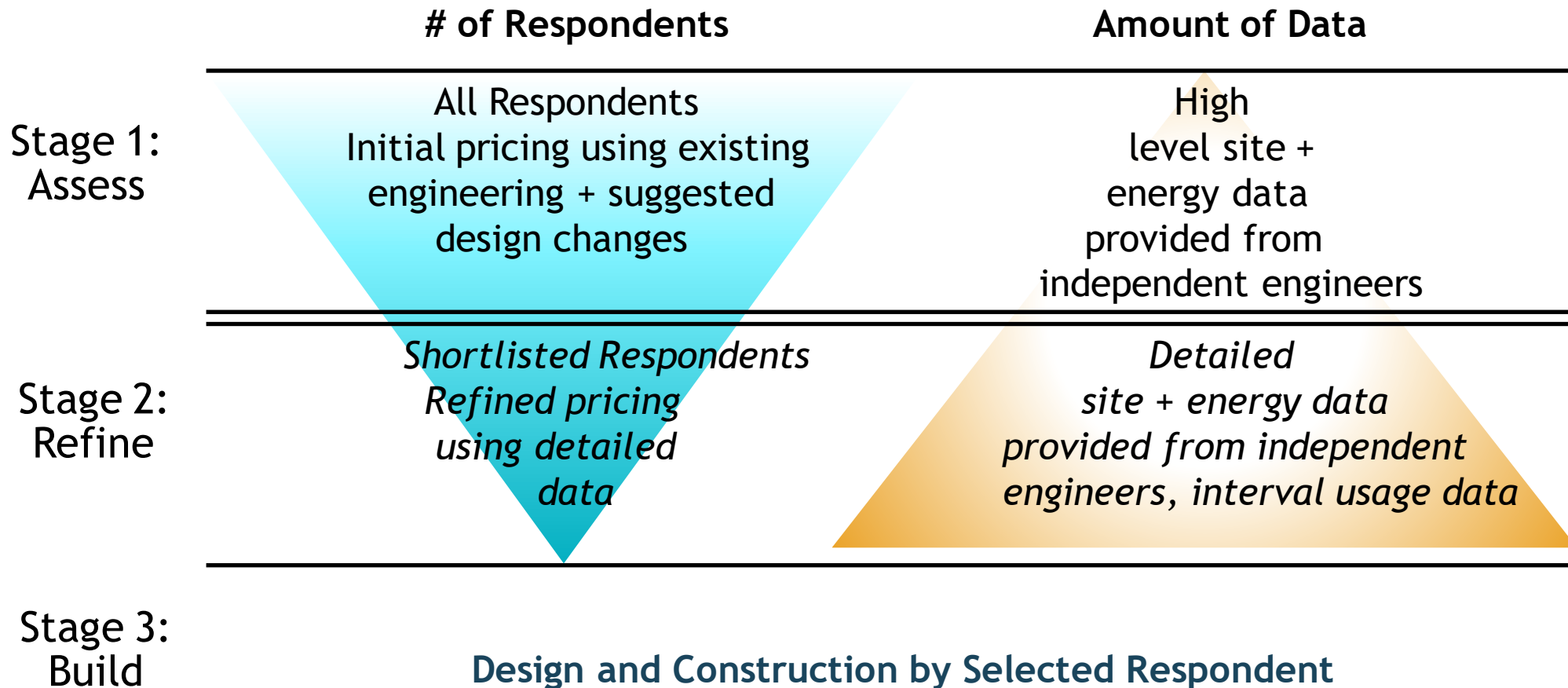
# EBCCE's Desired Outcomes from RFO

Provision of resilience, bill savings, and load modification across the portfolio.

	Base Case	Additional Funding Case
<b># of Sites</b>	22	30
<b>MW PV</b>	2.3 MW	3.1 MW
<b>MWh Storage</b>	1.9 MWh	6.2 MWh

*Figure 2: Portfolio sizes based on available funding*

# RFO Process Overview





# RFO Stage 1: Assess

## Key Events

Respondents	EBCE
NOI	Provide Stage 1 Info
Submit Questions	Respond to Questions
Submit Proposal: changes to initial design + price estimate	Assess Proposals
	Select Shortlist

## Stage 1 Information

Preliminary Site Reports include:

- Recommended solar and battery system type + target sizes + system voltage
- General site comments with photos
- Electrical narrative with photos
- Structural narrative with photos

# RFO Stage 2: Refine

## Key Events

Respondents	EBCE
NDA	Provide Stage 2 Info
Refine Initial Proposal	
Submit updated offer	Assess updated offers
	Respondent selection

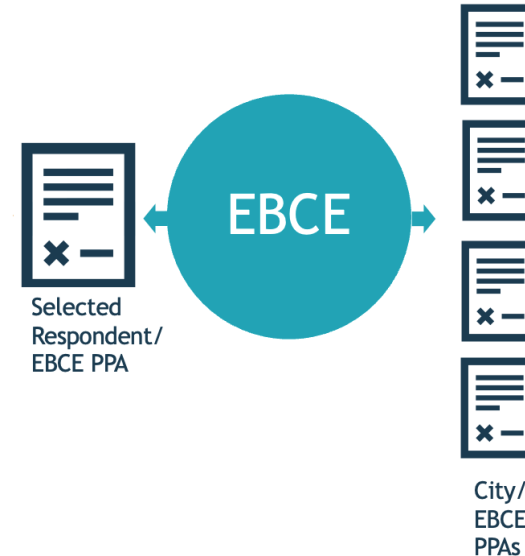
## Stage 2 Information

- Full Site Reports
- Site Load Data
- Facility plans (e.g., electrical)

# RFO Stage 3: Contract + Build

Key Events	
Respondents	EBCE
	City Council Approvals
	Execute City/EBCE Agreements
Execute EBCE Agreement	Execute EBCE Agreement
Begin Construction	

## Contract Structure

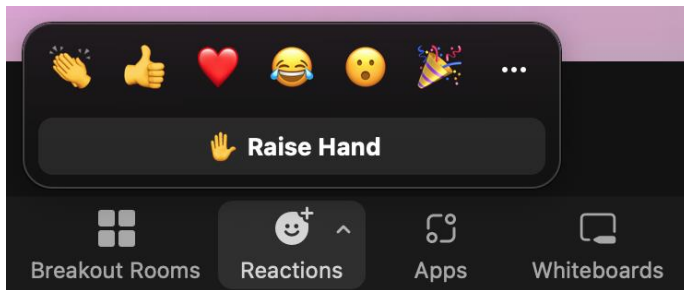


EBCE + Cities have spent significant time developing the City/EBCE PPA.

Changes to the EBCE/Respondent PPA may result in delays given contract structure.

# Questions

Use “Raise Hand” under Reactions menu



More questions? Email us!

[2022-municipal-facility-RFO@ebce.org](mailto:2022-municipal-facility-RFO@ebce.org)

# Thank You!

## Energy Resilient Municipal Critical Facilities RFO

<https://ebce.org/solicitations/>