

# Solar + Storage at Critical Municipal Facilities Contract with Ava Community Energy

November 12, 2024

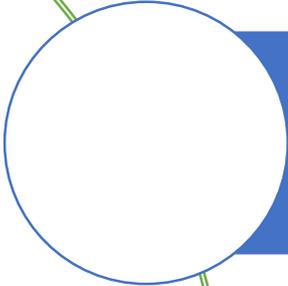


# Staff Recommendation

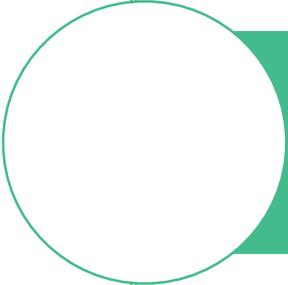
Authorize the City Manager to negotiate and execute a 25-year Power Purchase Agreement (PPA) with Ava Community Energy to install solar and battery back-up storage systems at critical municipal facilities.



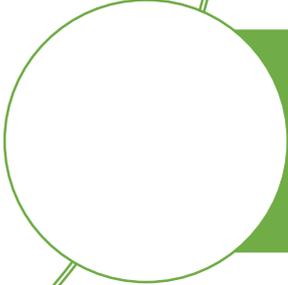
# Goals of the Critical Municipal Facilities Project



Provide clean energy & community resiliency



Reduce reliance on diesel generators



Reduce the City's energy bills

# Power Purchase Agreement (PPA)



No upfront costs  
to the City

City does not own  
solar + storage  
equipment

Operation &  
maintenance  
included

City pays monthly for electricity  
received from solar + storage

Savings as cost of  
electricity increases

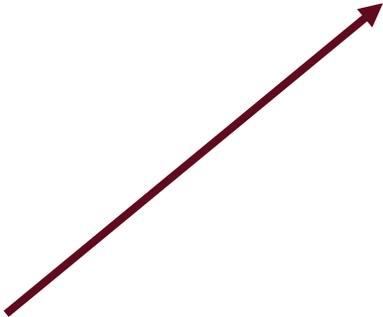
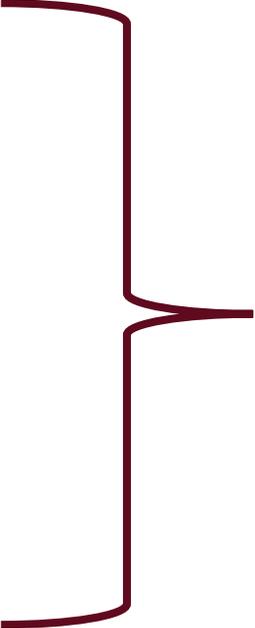
Cal. Govt. Code 4217 – procurement must have cost savings  
over 25-year contract

# Partnership & PPA Structure



## Pilot Cities

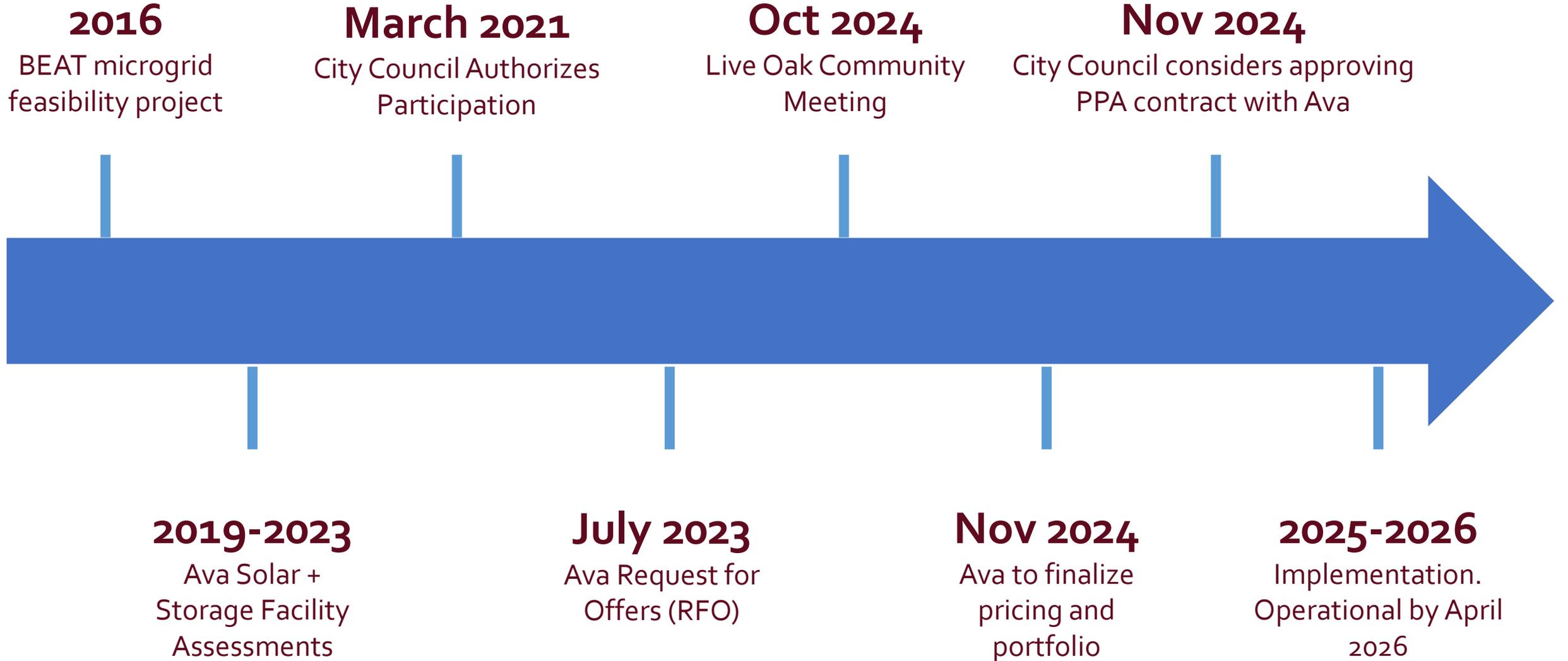
- Berkeley
- Fremont
- Hayward
- Livermore
- Oakland
- San Leandro



Finance Partner



# Project Timeline



**2016**

BEAT microgrid feasibility project

**March 2021**

City Council Authorizes Participation

**Oct 2024**

Live Oak Community Meeting

**Nov 2024**

City Council considers approving PPA contract with Ava

**2019-2023**

Ava Solar + Storage Facility Assessments

**July 2023**

Ava Request for Offers (RFO)

**Nov 2024**

Ava to finalize pricing and portfolio

**2025-2026**

Implementation. Operational by April 2026

# Proposed Potential Locations

Live Oak Community Center

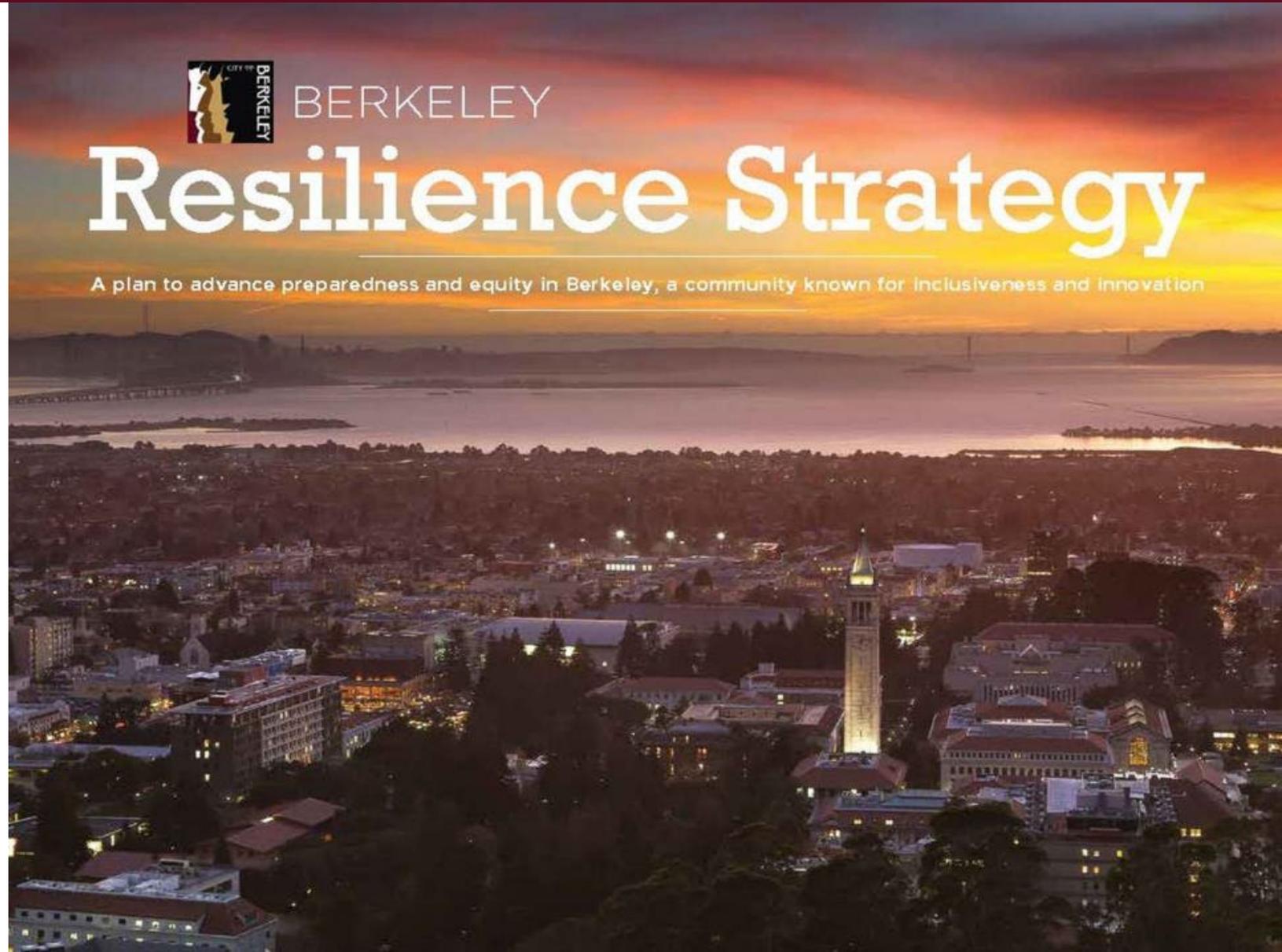


Corp Yard

# Powering Berkeley's Resilient Future



Key part of the City's  
Resilience Strategy,  
Strategic Plan and  
Local Hazard  
Mitigation Plan



# Thank You!



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