

#### WHAT IS EBCE?



East Bay Community Energy (EBCE) is the local public power agency committed to providing more renewable energy at competitive rates. EBCE reinvests earnings back into the community to create local green energy jobs, local energy programs, and clean power projects.

### THE PROJECT

- Funding development of Fleet Electrification Plans
  - Alameda County; Cities of Albany, Berkeley, Dublin, Hayward, Oakland
- Addressing challenges identified by municipalities
  - EBCE aggregating scopes and managing the consultant
  - EBCE provides facility energy usage data
- Connecting municipalities to funding opportunities
  - Low Carbon Fuel Standard credits
  - Alameda County CALeVIP project in 2021

#### MUNICPAL FLEET ELECTRIFICATION PLANS

Intake Form

- Fleet and policies survey
- Preliminary list of fleet and facilities data needs

Fleet Electrification Transition

- Detailed 2021-2025 procurement recommendations
- General 2026-2030 procurement recommendations

Charging Strategy Options

- Proposed associated charging infrastructure
- Specific to each fleet facility

Other
Distributed
Energy
Resources

- Proposed complementary solar and/or battery storage systems
- Specific to each fleet facility

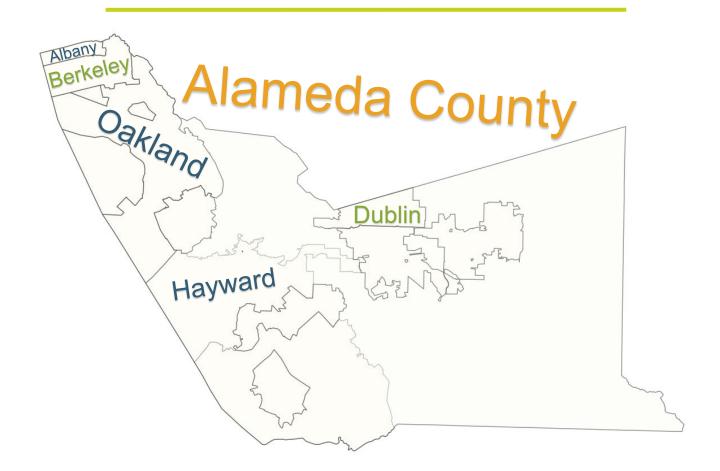
Total Cost of Ownership

- Modeled over 2020-2030 analysis period
- Compared baseline scenario to various electrification scenarios

Emissions Reduction

- Modeled annually over 2020-2030 analysis period
- Compared baseline scenario to various electrification scenarios

## PROJECT STATUS



### LESSONS LEARNED

- Understanding Cities' budget cycles and procurement methods
  - Procurement requirements (contracts, policies, etc.)
  - Aligning vehicle transition prioritization with near-term budget
  - Importance of long-term budget planning
- Importance of collecting good vehicle data
  - Informs near-term vehicle transition feasibility and charging infrastructure strategy
  - Slow down to go faster



# **THANK YOU!**

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