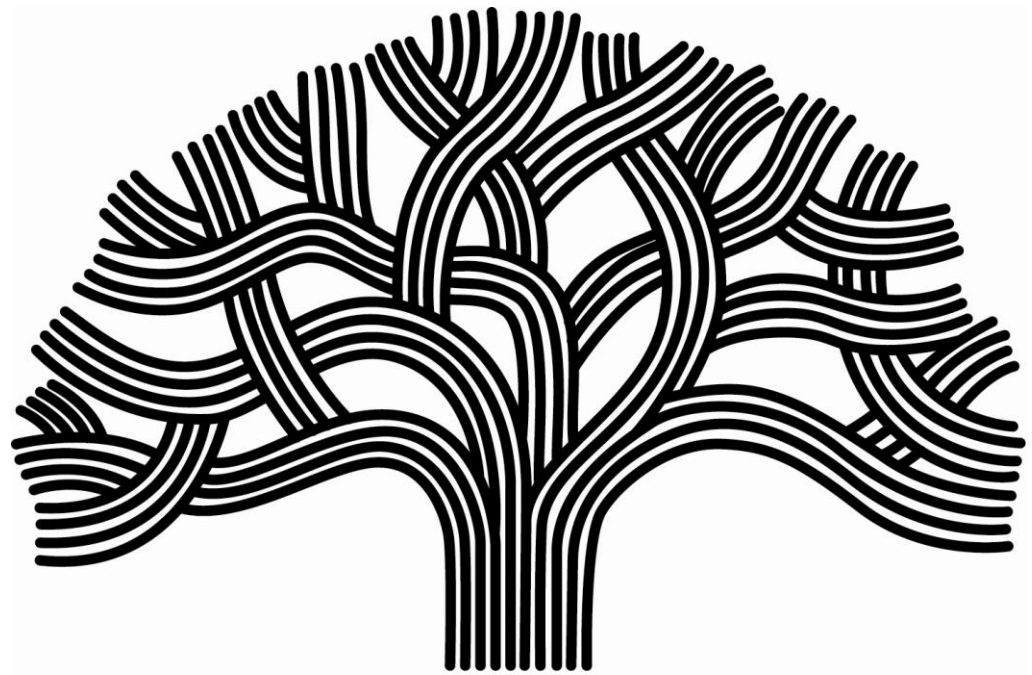


Oakland – Berkeley Building Electrification Roundtable

June 13, 2019

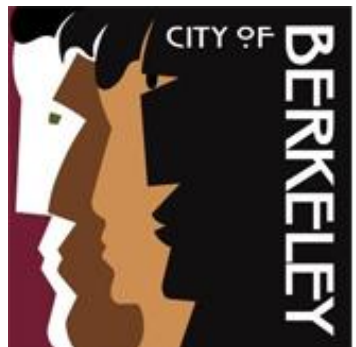


CITY OF OAKLAND



Agenda

1. Welcome, housekeeping, agenda review
2. Meeting Objectives
3. City perspectives and EBCE overview
4. Introductions
5. Brief presentations
6. Understanding questions and concerns
7. Break
8. Facilitated deep-dive discussion
9. Next steps and Adjourn



Meeting Objective

How can we craft policies that let development flourish in our cities while moving away from onsite natural gas combustion?

- *Hear your voice*
- *Share what we know*
- *Identify areas of further inquiry*
- *Generate insights to inform policy development*



City of Oakland

Electrifying our Building Stock

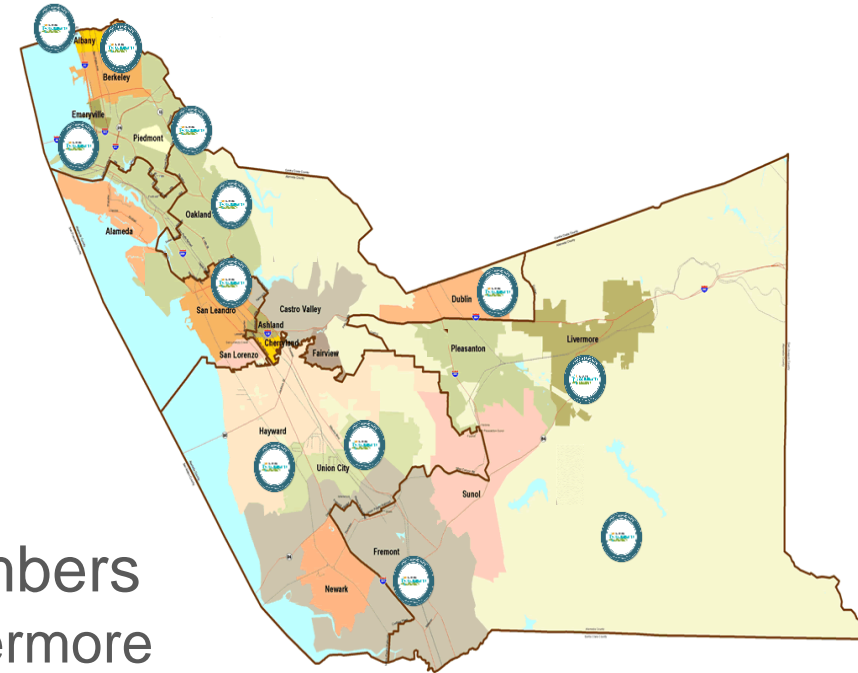
- Protecting indoor air quality
- Reducing seismic risk
- Promoting grid modernization
- Reducing emissions



Photo: Greg Linhares, City of Oakland

What is EBCE

East Bay Community Energy (EBCE) is our new local power supplier committed to providing Alameda County with cleaner, greener electricity at low rates. EBCE reinvests earnings back into the community to create local green energy jobs, local energy programs, and clean power projects.



EBCE Members

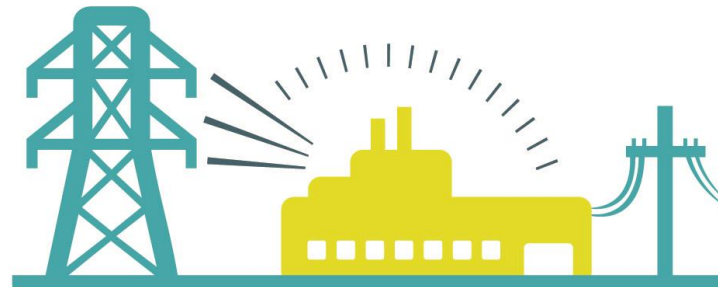
- | | |
|------------|-------------------|
| Albany | Livermore |
| Berkeley | Oakland |
| Dublin | Piedmont |
| Emeryville | San Leandro |
| Fremont | Union City |
| Hayward | County of Alameda |

How it Works



Source
EBCE

buy and build cleaner
energy



Delivery
PG&E

deliver energy, repair lines,
handle billing

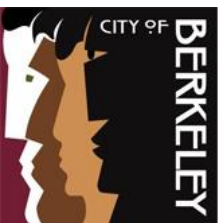


Customer
YOU

benefiting from cleaner energy,
local control

Electrification, Compared to Fossil Fuels

- **Emissions reductions** and decarbonization
 - CA Executive Order B-55-18 for Carbon Neutrality by 2045
 - Electricity grid getting cleaner every day with increased renewable generation
- **Cost savings**
 - Lower first costs by not constructing natural gas infrastructure
 - Operational costs (dependent on many factors)
- **Lower-risk** pathway according to California Energy Commission
- **Healthier indoor air** from eliminating indoor combustion
- **Reduced seismic risk** from fires and leaks



All Electric Building Measures: plentiful, safer, more efficient

Space Heating



Water Heating



Cooking



Clothes Drying



Residential

Commercial

