

Recommendation 1

- Partner with outside third party to accelerate electrification of single home residences
 - Target start Q1 2025
 - Program should go until at least 2027, extendable to 2029
 - In line with BAAQMD phase out plan
 - Three to four potential partners
 - BlocPower, Onsemble, QuitCarbon and Zero Homes (not evaluated)
 - Request format to be discussed (RFP, RFQ or open call)
 - RFP or RFQ preferred



Recommendation 2

- Develop a comprehensive citywide educational/outreach Plan
 - Action 1: Update/improve and maintain sustainability page
 - Easier access, links on city home page
 - links to partner organizations (SVCE, BayRen, BA communities, Acterra etc)
 - Action 2: Continue EV fair and add more building electrification booths
 - Action 3: Have link to sustainability page on planning permit application
 - Action 4: Develop training platform for city groups such as BAT and Resilient Los Altos
 - Action 5: Create a series of lectures/town halls on the benefits of electrification
 - Four per year over two years (to be extended as needed)
 - HVAC heatpumps, HPWH, Solar and batteries, Induction cooktops
 - Action 6: Add building electrification booth at farmers' market
 - Action 7: Advertising/articles in Town Crier (can be in conjunction with 2 and 5)



Recommendation 3

- Add building incentives for all electric new homes or remodels/additions
 - Can be done at the planning stage
 - Example of incentives:
 - Increase lot coverage (5%)
 - Increase FAR
 - Priority review timeline
- Have incentives for new HVACHP, solar inverters and battery equipment
 - Lower setbacks to 4 feet (in line with SB9 and ADU guidelines)
 - Consider lowering further (3 feet) for equipment with an average noise level below 60db



Recommendation 4

- Gas appliances are an environmental and health hazard
 - Emission of nitrogen oxide, carbon monoxide and formaldehyde in homes
 - Increased risks of asthma in children, acute respiratory episodes in seniors with COPD, and chronic pulmonary insufficiency
 - Emission of CO2 and methane outside
 - Contributes to climate change
 - Emission of harmful pollutants has a societal cost
 - Individuals installing new gas appliances should contribute to the city's effort to make the town cleaner, healthier and safer for all
- We propose that the city charges an environmental fee for each new gas appliance
 - Up to an equivalent of 10% of the install cost
 - Proceeds to go into an environmental fund to finance CAAP actions



Other considerations

- Reach Codes:
 - 2023 reach codes not enforced due to 9th district court ruling
 - BAAQMD still planning to enforce regulations 9-4 (gas fired furnaces) and 9-6 (gas fired boilers and water heaters)
 - Emissions rule (NOx)
 - Would ban GWH after 2027
 - Would ban gas furnaces after 2029, Large gas furnaces banned after 2031
 - Preference for using emissions-based ordinance similar to Los Altos Hills (NOx) or New York City (GHG) ordinance
 - One-margin or flex-path options not optimal
 - Still mix energy buildings with no option for 0 emission homes
- Recommendation is to wait for new California building codes in 2025 before making a decision

