

**DOCKETED**

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*Comment Received From: Kathryn Selm  
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## **Adopt All-electric Baseline**

The CEC should move towards adopting a single, all-electric baseline for all building types because all-electric buildings are cheaper to build and operate, better for public health, and critical to protect us from the climate crisis.

Based on research done by Rocky Mountain Institute for the City of Oakland, it is estimated to cost between \$2,400 to \$2,700 more per home to install two separate systems than it would be just to install a single heat pump. Even when taking into account the estimated \$1,050 cost premium over gas appliances to install a heat pump water heater and an induction stove, purchasing all-electric appliances results in a net savings of \$1,350 to \$1,650.

Nearly 60 percent of new homes nationwide are being built all-electric and the majority, 40 percent, use heat pumps. California is an anomaly with just 5 percent of new single-family homes built with heat pumps, and 95 percent still using gas heating. Many cities in CA have already adopted gas-bans in new construction, and many more will be following these examples because we all know it is a good and necessary first step in meeting our carbon reduction goals. By not adopting full electric now, you are delaying an inevitable action that will result in many more unnecessary tons of CO2 emissions.