

**DOCKETED**

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## **Follow the science and stop extending the fossil gas network**

I've lived in California for 42 years. When my husband and I remodeled our current home in Thousand Oaks and installed our natural gas-powered appliances, I had no idea that the gas cooktop I've always preferred for cooking my family's meals could damage my children's lungs. As the parent of a daughter who now lives with petrochemical pollution-triggered asthma, I learned TOO LATE of the cumulative indoor air pollution risks of cooking and heating with fossil gas and will forever be forced to wonder if my choice sentenced my child to a lifetime of breathing difficulties.

I now know that all-electric buildings not only improve indoor air quality but also reduce greenhouse gas emissions, increase building safety, and are less expensive to build. I can't reverse my child's health impacts, but YOU can protect our state's children from a similar fate, while also reducing California's escalating Climate Crisis impacts.

Yesterday, November 19, the California Air Resources Board issued Resolution 20-32 calling for you, the Energy Commission, to require all electric appliances and systems for the 2022 code cycle. The first section of this Resolution starkly delineates the urgency of immediate action.

To summarize the key arguments for why it is critically important to end the practice of burning fossil gas in our buildings:

\*Indoor combustion of methane creates dangerous levels of health-harming emissions, creating both acute and chronic conditions from exposure to nitrogen dioxide, formaldehyde, carbon monoxide and particulate matter, among other pollutants; which is to say, "Clean Natural Gas" is a clever advertising slogan, not a reality;

\*Continuing to extend the infrastructure for fossil fuel distribution is insanely out of step with California's emissions reduction goals, and will inevitably lead to stranded assets - AND increased costs to homeowners who will need to retrofit outdated systems;

\*All-electric construction is cheaper and faster, and results in more comfortable homes with lower energy costs.

It's time to require ALL-ELECTRIC construction for Californians. Please make it so.

Thank you in advance for doing right by the people, and families, of California.