

<b>DOCKETED</b>	
<b>Docket Number:</b>	19-BSTD-06
<b>Project Title:</b>	Local Ordinances Exceeding the 2019 Energy Code
<b>TN #:</b>	234300
<b>Document Title:</b>	Stefan Gracik Comments - August Business Meeting Item 6 Local Ordinance Applications
<b>Description:</b>	N/A
<b>Filer:</b>	System
<b>Organization:</b>	Stefan Gracik
<b>Submitter Role:</b>	Public
<b>Submission Date:</b>	8/12/2020 4:51:11 PM
<b>Docketed Date:</b>	8/12/2020

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*Submitted On: 8/12/2020*  
*Docket Number: 19-BSTD-06*

## **August Business Meeting Item 6 Local Ordinance Applications**

I support adoption of these reach codes. I also urge the CEC to build off local leadership and take electrification further by setting an all-electric baseline for new construction in the 2022 building code.

There are both global climate related targets and indoor air quality benefits which support the pursuit of all-electric construction in California.

Gas appliances are responsible for over 50 million tons of greenhouse gas (GHG) pollution annually - and there's no way we can hit our climate targets while continuing to burn gas. Gas has now overtaken coal as the number one source of climate-warming pollution nationwide.

Recent analysis from RMI (<https://rmi.org/california-cant-wait-on-all-electric-new-building-code/>) illustrates that postponing electrification for three more years would result in an additional three million tons of avoidable carbon emissions by 2030—the equivalent of putting 650,000 more cars on the road for a year—as well as \$1 billion in unnecessary spending on new gas connection infrastructure.

Californians breathe the dirtiest air in the nation. The housing built this decade should solve that problem - not exacerbate it. But the fact is, gas appliances make it harder to breathe.

Gas stoves fill homes with much of the same pollutants contained in car exhaust - and children living in homes with gas stoves have a 42% increased risk of asthma. Levels of Nitrogen Dioxide in homes with gas stoves are up to 400% higher than in homes with electric stoves.

Replacing all residential gas appliances with clean electric alternatives would cut air pollution enough to save 350 lives and \$3.5 billion in health costs every year.

Thanks,

-Stefan

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