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2022 Code Cycle â€“ Electrification, Indoor Health

I support the electrification of new construction in the 2022 code cycle. As a homeowner of an all electric home (minus the one therm of natural gas usage every other month), I can attest to the increased comfort, reduced utility bills and increased health benefits, not to mention peace of mind.

Since 1987, there have been 3,200 serious natural gas explosions throughout the U.S. These are accidents that have resulted in at least one fatality and/or hospitalization, have incurred a minimum of \$50,000 in damages, the liquid released was in the amount of at least 5 barrels and resulted in fire or an explosion.

In addition to the yearly gas explosions, who can forget the 4 month Aliso Canyon gas leak from October 2015 to February 2017? Even 30 to 40 miles away from the leak, people were suffering from the headaches, sinus pain and throat infections, all symptoms of methane gas exposure. This monster leak has resulted in 36,000 plaintiffs suing for damages incurred. I donâ€™t see how the natural gas industry can stay in business with this type of liability.

I personally have been traumatized by a flame roll out incident in my childhood involving a gas stove; so as an adult I have chosen the convenience of an electric stovetop. A neighbor also experienced a natural gas explosion and she doesnâ€™t have a single gas appliance in her home. Another good friend cooks with an electric stove because gas stoves exacerbate her asthma condition.

My home is installed with all electric HVACs, solar hot water heaters and I have driven 100% electric vehicles since the year 2000. Thanks to my rooftop solar system and battery storage system, my electric bill is only \$15 a month with a \$800 annual credit.

Please do the right thing and support electrification and indoor health for new building construction. Allow homeowners, of new homes, and in all climate zones, to install as many electric appliances as they choose.