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Electrification is the way forward

I am an energy analyst at a Bay Area engineering firm and have intimate knowledge of the Energy Efficiency Standards and the AE industry. It has been a concern of mine for years that the current and previous Title 24, Part 6 codes strongly incentivize gas appliances and equipment over electric equipment. This is strongly at odds with the goal of reducing carbon emissions in the state of CA. The goal of our code should be to minimize the release of carbon into our atmosphere, not to make life easier for the utility companies.

Because renewables are used extensively in our grid in CA, we have one of the cleanest supplies of electricity in the world. We should be using it, along with adding more renewable capacity through building mounted Photovoltaic panels, as much as possible. Currently, the code disincentivizes both of these approaches by favoring gas and not allowing credit for PV panels.