

Dear Board Of the International Code Council and Appeals Board

My name is Willima Penniman, living in Reston, Virginia.

I urge you to reject appeals 23-01 through 23-09, which seek to overturn various measures, including electric readiness, EV charging readiness, efficient and resilient code requirements, stretch code and all-electric appendices.

For nearly 4 years, I have worked on trying to improve Virginia's building code, which mostly uses the IECC. Based on my experience, it is clear that the appeals have no merit and seek to overturn substantive, consensus decisions made according to the applicable policies and procedures spelled out in the ICC Code Development Principles.

The simple realities undermine the objections being voiced by the applicants. These include:

- Building codes have numerous provisions governing electric outlets and circuits which go beyond basic charging of currently known appliances. Outlets of various voltages are needed for HVAC and common appliances, but also to conveniently serve a host of current and future devices and gadgets (hair dryers, TVs, air fryers, computers, etc.) Adding circuits or readiness for new circuits to serve electric vehicles, stoves, water heaters, etc. is smart, resident-friendly planning. It creates options for residents over the expected 50-100 year life of new buildings. To eliminate these consensus provisions would be worse than short-sighted.
- Electric vehicles, heat pumps for space and water heating, and electric are vastly more energy efficient than combustion vehicles and appliances. These more efficient technologies would save energy and money for residents over the lifecycle of the investments.
- Facilitating installation of infrastructure to serve future electric choices shows a preference for energy efficiency and resident-driven options, not a preference for particular fuels. Opponents of such measures are fighting to restrict future appliance choices in the hopes that the costs of future retrofitting would protect their fossil fuel markets, not help customers save energy and money.
- Electric vehicles, heat pumps and other electric appliances reduce greenhouse gas emissions even at today's mix of electric generation. As the electric generation moves to cleaner energy sources, the greenhouse gas reductions will be greater. Building inefficiencies and fuel choices are major contributors to climate change and must be addressed now, not through retrofits after construction has been completed.

Respectfully,

William Penniman
Reston Virginia
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