From: Sven Thesen CBSC@DGS To:

Jaw, Kathy@ARB; Lerman, Sam@ARB; Bevan, Analisa@ARB; Crisostomo, Noel@Energy; Rasool, Cc:

Hannon@Energy; Purewal, Sharon@Energy; Strait, Peter@Energy; Drozdowicz, Danuta@Energy; Ramesh, Raja@Energy; Vicent, Will@Energy; Pike, Ed; Tang, Genesis; Rodriguez, Enrique (CBSC)@DGS; Nearman, Michael@DGS; Marvelli, Mia@DGS; Bolden-Hardge, Brianna@HCD; Hannah Goldsmith; Withers, Emily@HCD; Martin, Thomas G@HCD; Krause, Kyle@HCD; Kline, Jenna@HCD; Enrico, Randall@HCD; Christopher; Wadhwa,

Abhilasha; Audrey; Sara M.; Carolyn; Kalafut, Jennifer; jenny@resource-media.org; Baker, Mitchel@HCD

Subject: Comments, CALGreen, electric vehicle charging infrastructure

Date: Thursday, October 28, 2021 11:59:42 PM Attachments: 211028 PGH HCD BSC CALGreen Comments.pdf

CAUTION: This email originated from a NON-State email address. Do not click links or open attachments unless you are certain of the sender's authenticity.

To: California Building Standards Commission

cbsc@dgs.ca.gov

http://dgs.ca.gov/BSC/e-comments

In addition to the attached comments regarding proposed changes to Title 24, Part 11 of the CALGreen 2022 Building Code, specifically relating to electric vehicle charging infrastructure in new multifamily buildings, i would like to add the following in support of ensuring that every new Multi-Family Housing (MFH) unit with parking has access to EV-ready charging. Specifically, all new MFH units with parking must include EV Ready charging access, via a receptacle or EV charging cordset, with prominent signage indicating it is EV Ready. Whenever possible, the EV wiring should be run via the unit's electricity meter.

It is clear that EVs are going mainstream. Last week was good for electric vehicles, Tesla in particular:

- -For September, the Tesla Model 3 is the best selling car in Europe Not the best selling EV -The Best Selling Car Over All - EV, H2, Gasoline or Diesel.
- -Hertz contracted with Tesla to buy 100k EVs to replace the gas based cars Hertz sold in the pandemic / bankruptcy and plans to lease half of the EVs (with option of 150k) to Uber drivers
- -Tesla stock joined the \$1T valuation club It's worth more than all of the big OEMs put together. Certainly the stock market sees the value in electric cars.

Understanding that the great majority of you are (unfortunately) not EV drivers, here are a number of resources detailing the consumer benefits of EVs

- This details the <u>cost savings for EV owners</u>, compared to their gas-burning counterparts. The video draws on findings from the Consumer Reports study "Electric Vehicle Ownership Costs: Today's Electric Vehicles Offer Big Savings for Consumers."
- This explains how getting more EVs on the grid can help bring down electricity rates to all ratepayers in the utility's service territory, regardless of whether they drive an EV or not. This piece is based on findings from Synapse Energy's analysis in 2 IOU territories in California: "Electric Vehicles Are Driving Electric Rates Down."

These materials are courtesy of Jenny Park at Resource Media, jenny@resource-media.org.

In closing, EV adoption is going mainstream for those that can charge at home. For those that lack home charging, adoption is much less certain.

I look forward to the next CALGreen draft with the hope that it provides equity to all, regardless to one's living conditions, be it in a new single family home or a new apartment or condo.

Respectfully, Sven

--

Sven Thesen, 415-225-7645 EV Consultant & Founder, ProjectGreenHome.org and BeniSolSolar.com; Wonder Junkie

How California Is Keeping Electric Vehicles Out Of Reach For Apartment-Dwellers