

DOCKETED

Docket Number:	17-BSTD-02
Project Title:	2019 Title 24, Part 6, Building Energy Efficiency Standards Rulemaking
TN #:	222735
Document Title:	Bruce Severance Comments On 2019 Energy Code
Description:	N/A
Filer:	System
Organization:	Bruce Severance
Submitter Role:	Public
Submission Date:	2/26/2018 1:29:01 PM
Docketed Date:	2/26/2018

Comment Received From: Bruce Severance

Submitted On: 2/26/2018

Docket Number: 17-BSTD-02

On 2019 Energy Code

Attachment sheet to follow

Additional submitted attachment is included below.

From: G.Bruce Severance <zeroenergyexperts@gmail.com>
Sent: Sunday, February 25, 2018 3:22 PM
To: Ownby, Adrian@Energy; Energy - Docket Optical System
Subject: 2019 Code Comments
Attachments: Comments on 2019 Energy Code.docx

Dear Adrian,

I have seen March 5th published as the deadline for public comment on the 2019 code and just saw another date of February 20th in an Energy Code Ace memo, **SO IT IS MY HOPE AND PRAYER THAT YOU WILL ACCEPT THE ATTACHED DOCUMENT INTO THE DOCKET.**

Forgive my thoroughness. I only have the intention of making zero energy homes as affordable as possible in the next code cycle.

I built and designed a home in the Central Coast that is able to maintain 68 to 72 degree interior comfort for up to two weeks of 40 degree, rainy weather with no gas or electrical use for the HVAC. The home is full instrumented, and Jared Landsman of Integral Group is looking at the prototype PCM drywall for inclusion in his ZNE Roadmap report to the CEC. This technology is already in mass-production in Europe and would revolutionize the ways we achieve ZNE in California.

The attached document focusses on what is achievable for the next cycle. It is my experience from existing passive solar projects that passive homes can reduce HVAC loads by 50% in most climate zones with minimal cost premiums.

The focus of my research has been on affordability, and I believe we can get to ZNE now without additional construction costs.

I appreciate your reading the attached document and considering the constructive suggestions I have made. A document with HVAC comments is forthcoming. Please let me know if there is any problem with format or a need for supportive documentation.

I will be calling you Monday to confirm receipt of this document.

Sincerely,
Bruce Severance
BPI Energy Analyst
General Contractor
Zero Energy Consultant
805-268-4444