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From: [BRUCE SHINDELUS](#)
To: [Energy - Docket Optical System](#); Tancher, Jason@Energy
Subject: Fw: California Energy Commission Public Workshops
Date: Thursday, March 9, 2023 10:46:22 AM
Attachments: [warming contest.pdf](#)

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docket number 20-EPIC-01 and DC Nano grid

Hi Jason,

I enjoyed the incredible workshop and felt compelled to a couple ideas that I have developed over the years. Attached PDF. There is a great need for the right group of people to integrate all the state-of-the-art MEP products, along with passive design into a "CPU" type building system.

I think by expanding your pre-fab power shed for existing buildings to a larger new CORE that would include all the MEP systems integrated together might also yield new ideas for retrofits. A small home could run on all DC if the space conditioning was including as part of a hybrid system that included phase change material, kinetic storage, wind and thermal mass, in addition to the solar systems.

A mass produced; value engineered hybrid MEP CORE is the future of basic housing needs.

Best Regards,

Bruce Shindelus Architect, LEED AP
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Hello Bruce,

Last week the State of California Energy Commission held an online workshop regarding a potential grant to develop a cleaner alternative to traditional rooftop HVAC systems. If you missed it or would like to review it, the recording is now available here: <https://www.energy.ca.gov/event/workshop/2023-02/dc-nanogrid-scoping-workshop>

Warm regards,

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