

DOCKETED

Docket Number:	19-BSTD-01
Project Title:	Draft 2019 Alternative Calculation Method Reference Manuals and Compliance Software Tools
TN #:	227265
Document Title:	Sandra Mendler Comments Electric heating update needed for Buildings
Description:	N/A
Filer:	System
Organization:	Sandra Mendler
Submitter Role:	Public
Submission Date:	3/4/2019 4:42:39 PM
Docketed Date:	3/4/2019

Comment Received From: Sandra Mendler
Submitted On: 3/4/2019
Docket Number: 19-BSTD-01

Electric heating update needed for Buildings

I am a principal with Mithun, an architecture firm in San Francisco that designs mixed-income and affordable housing. We also prioritize sustainability in all of our work. Given the state of current technology, we have found that project costs are higher, efficiency is lower and emissions are higher using gas heating. While the gas heating requirement made sense in the past, it is no longer the best choice. We ask that the Energy Commission create an independent baseline for all-electric commercial and multifamily buildings to create a level playing field for electric heating and hot water and stop artificially favoring gas systems. Electric systems are more cost effective to build and operate and support affordable housing. With California's clean renewable electric grid electric heating now has much lower carbon emissions. It is important to take this step now rather than the next code cycle and building structures using an outdated model for another three years.