

DOCKETED

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MEMORANDUM

January 16, 2025

To: Demian Hardman, Principal Planner, Contra Costa County

From: Misti Bruceri, Misti Bruceri and Associates

Subject: Nonresidential Cost Effectiveness Analysis

This memorandum supplements data provided in the *Nonresidential New Construction Reach Code Cost-Effectiveness Study*, dated 3/24/2023. The study included supplemental data for source energy margins that was not published as part of the narrative report but was published in the dataset supplement, which is available at the link below.

https://localenergycodes.com/download/1373/file_path/fieldList/2022%20Nonresidential%20New%20Construction%20Study%20Data.xlsx

The source energy data from column T, *Source kBtu Margin (CBECC)*, for Climate Zones 3 and 12 (PG&E) is provided below. These values exceed Contra Costa County's proposed margins for these occupancies of 5% for Climate Zone 3 and 4% for Climate Zone 12.

Occupancy	Case	Climate Zone 3	Climate Zone 12
Medium Office	Mixed-Fuel + Efficiency Measures	6%	9%
Medium Retail	All-Electric Energy Efficiency	15%	9%
Small Hotel	Mixed-Fuel + Efficiency Measures	7%	4%

cc: Michael Shewmaker, California Energy Commission
Anuska Raut, California Energy Commission
Adam Scarbrough, Contra Costa County