

<b>DOCKETED</b>	
<b>Docket Number:</b>	16-BSTD-07
<b>Project Title:</b>	Local Ordinance Applications - 2016 Standards
<b>TN #:</b>	228416
<b>Document Title:</b>	City of Davis cover letter
<b>Description:</b>	This is the cover letter addressed to the Executive Director of the Energy Commission for the City of Davis' application for approval of reach codes addressing energy efficiency and photovoltaic energy systems in nonresidential and high-rise residential buildings.
<b>Filer:</b>	Peter Strait
<b>Organization:</b>	City of Davis
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	5/30/2019 9:57:55 AM
<b>Docketed Date:</b>	5/30/2019



May 14, 2019

Mr. Drew Bohan  
Executive Director  
California Energy Commission  
1516 Ninth Street, MS-37  
Sacramento CA 95817-5512

**RE: Application for Locally Adopted Energy Efficiency Standards by the City of Davis in Accordance with Section 10-106 of the California Code of Regulations, Title 24, Part 1.**

Dear Mr. Bohan

At the Davis City Council regular meeting on April 9, 2019 the Council conducted a public hearing and approved an ordinance mandating the following:

1. **New Nonresidential Buildings.** New nonresidential buildings shall comply with the Tier 1 (10% compliance margin) requirement for energy efficiency by employing energy efficiency measures. In addition, a PV system sized to offset a portion of the total building energy use based on TDV energy is required. The PV sizing shall be consistent with the methodology included in the cost effectiveness study provided by TRC. The PV sizing calculations were developed such that PV size would be the lessor of approximately 80% offset of the building's modelled annual electric load or 15 DC watts per sq. ft. of solar zone<sup>1</sup>.
2. **New High-rise Multifamily Dwellings.** New high-rise multifamily dwellings shall comply with the Tier 1 (10% compliance margin) requirement for energy efficiency by employing energy efficiency measures. In addition, a PV system sized to offset a portion of the total building energy use based on TDV energy is required. The PV sizing calculations were developed such that PV size would be the lessor of approximately 80% offset of the building's modelled annual electric load or 15 DC watts per sq. ft. of solar zone<sup>1</sup>.

The City has obtained a cost effectiveness study prepared by TRC demonstrating that nonresidential buildings in all California climate zones have a market-ready and cost effective set of measures to achieve at least 10% energy performance higher than the California Energy Code requirements. Thus, the City has the required justification for adopting a 10% nonresidential reach code meeting the requirements of section 10-106 of the California Code of Regulations Title 24, Part 1.

The Ordinance also requires a PV system sized to be consistent with the methodology included in the cost effectiveness study also prepared by TRC. The PV sizing calculations were developed

such that the PV size would be the lessor of approximately 80% offset of the electricity used on site or 15 DC watts per sq. ft. of solar zone.

I am currently serving on the CALBO Energy Commission Advisory Committee. As Chief Building Official for the City of Davis I am committed to enforcement of Title 24, Part 6 with the City of Davis. Any exemptions or exceptions are applicable to only to the proposed ordinance and do not apply to Title 24, Part 6.

Additionally, the City of Davis found that, under the California environmental Quality Act pursuant to Section 15061(b)(3) of the CEQA Guidelines, there is no possibility that the implementation of the ordinance will have a significant negative impact on the environment and is thus exempt from the requirements of CEQA.

Enclosed with this application are the following:

1. Signed ordinance adopting the reach code as stated above and associated staff reports.
2. Cost effectiveness study dated July 2017, demonstrating cost effectiveness of 10% compliance margin.
3. Cost effectiveness study dated December 2018, demonstrating cost effectiveness of PV systems.

The proposed energy standards found in the City of Davis ordinance will require buildings to be designed to consume no more energy that permitted by Title 24, Part 6. Please approve the enclosed ordinance pursuant to Public Resources Code, Subsection 25402.1(h)(2).

Sincerely,



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