

DOCKETED

Docket Number:	17-BSTD-01
Project Title:	2019 Building Energy Efficiency Standards PreRulemaking
TN #:	220125
Document Title:	University of California, Davis Comments On Non-Residential Lighting Measures for 2019 Standards
Description:	California Lighting Technology Center Department of Design Comments
Filer:	System
Organization:	University of California, Davis/Konstantinos Papamichael
Submitter Role:	Public
Submission Date:	7/12/2017 12:43:03 PM
Docketed Date:	7/12/2017

Comment Received From: Konstantinos Papamichael

Submitted On: 7/12/2017

Docket Number: 17-BSTD-01

Docket No. 17-BTSD-01 – Non-Residential Lighting Measures for 2019 Standards

Additional submitted attachment is included below.



CALIFORNIA LIGHTING TECHNOLOGY CENTER
DEPARTMENT OF DESIGN

633 Peña Drive
Davis, CA 95618
Phone: (530) 747-3838
Fax: (530) 747-3812
cltc.ucdavis.edu

July 12, 2017

California Energy Commission
Docket No. 17-BTSD-01
Docket Unit, MS-4
1516 Ninth Street
Sacramento, CA 95814-5512

Re: Docket No. 17-BTSD-01 – Non-Residential Lighting Measures for 2019 Standards

I strongly support the measures proposed by the California Energy Alliance (CEA) for lighting alterations in existing buildings.

The measures are critical for realizing the Zero-Net-Energy (ZNE) vision for California buildings. Most of the lighting energy savings and flexible demand response to meet California's goals will come from controls in existing buildings. It is critical that our efforts include as many existing buildings as possible and the time to do it is now!

Requiring lighting controls in buildings larger than 5,000 square feet is very wise, as it represents half of California's commercial buildings, protecting small building owners from financial burden, while leaving plenty of existing commercial spaces that can contribute to meeting California's ZNE goals by including lighting controls in lighting alterations. Replacing the 50/35% savings criterion with 40% and the addition of the "one-for-one replacement" for building smaller than 5,000 square feet provide simplicity, clarity and flexibility.

The measures by the CEA make sense, simplify and clarify the language and, most important, are supported by a diverse group of stakeholders, including lighting designers, manufacturers and contractors. The measures are appropriate for long-term benefits not only for energy savings and peak demand reduction

Thank you for the opportunity to express my views.

Sincerely,

Konstantinos Papamichael, Ph.D.
Professor, Department of Design
Co-Director, California Lighting Technology Center
University of California, Davis
(530) 747-3834, kpapamichael@ucdavis.edu

cc: payam.Bozorgchami@energy.ca.gov, thao.Chau@energy.ca.gov