

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
 Sacramento, California 95814  
 Main website: [www.energy.ca.gov](http://www.energy.ca.gov)

California Energy Commission <b>DOCKETED</b> <b>15-CALG-01</b>
TN # 76133 MAY 28 2015



In the matter of:	)	Docket No. [15-BSTD-01]
	)	
2016 Title 24 Building Energy Efficiency	)	HEARING
Standards Rulemaking Proceedings	)	RE: Adoption of Proposed
California Code of Regulations, Title 24, Part	)	Regulations and Negative
1, Part 6, and Part 11	)	Declaration
	)	

**Notice of Hearing for Possible Adoption of  
 2016 Proposed Building Energy Efficiency Standards and  
 Negative Declaration Based on the Initial Study;  
 Availability and Opportunity for Comment on the 15-Day  
 Language and Additional Documents Relied Upon**

The California Energy Commission will conduct a hearing during its regularly scheduled June Business Meeting to consider adopting the proposed update to the Building Energy Efficiency Standards in the California Code of Regulations, Title 24, Part 6, the Appendices<sup>1</sup> to Part 6, and the associated administrative regulations in Part 1 (collectively also known as the California Energy Code).

**Wednesday, June 10, 2015**

10:00 a.m.

CALIFORNIA ENERGY COMMISSION  
 1516 Ninth Street  
 1st Floor, Art Rosenfeld Hearing Room  
 Sacramento, California  
 Wheelchair Accessible

Remote Access Available by Computer or Phone  
 (Instructions available at [www.energy.ca.gov](http://www.energy.ca.gov))

Concurrent with this notice, the Energy Commission has published modifications to the proposed Building Energy Efficiency Standards in Title 24, Parts 1 and 6, and portions of the Green Building Code in Part 11 (also known as CALGreen), that were previously made available for public comment, and identified additional documents it will rely upon for adoption of these Standards. The modifications to the proposed Standards are

<sup>1</sup> The Appendices include the Joint, Residential, and Nonresidential Appendices, and the Alternate Calculation Method Approval Manual with its Appendices.

known as the “15-Day Language” and are the proposed revisions to the California Energy Code and CALGreen that the Energy Commission will consider adopting.

The Energy Commission will not be adopting the proposed 2016 CALGreen Energy Provisions at the Business Meeting on June 10, but rather will submit proposed 15-Day Language to the Green Building Code Advisory Committee (CAC) for their review. The Green Building CAC is scheduled to meet sometime in July or August of this year, and once the CAC completes their review of the proposed 15-Day Language, the Energy Commission will consider adopting the proposed changes to the energy provisions of CALGreen at a separately noticed hearing.

## **Agenda**

Notice is hereby given that the California Energy Commission proposes to adopt revisions to the Building Energy Efficiency Standards in the California Code of Regulations, Title 24, Part 6, associated administrative regulations in Part 1. The proposed amended standards are called the “2016 Building Energy Efficiency Standards” and would go into effect on January 1, 2017, following approval of the California Building Standards Commission.

The Energy Commission will also consider approving the Initial Study prepared for the 2016 Standards and adopting a Negative Declaration based on the Initial Study, pursuant to the California Environmental Quality Act, Public Resources Code section 21000 et seq. (CEQA).

## **Background**

In February 2015, the Energy Commission published a Notice of Proposed Action (NOPA) regarding these proposed revisions to the California Energy Code and CALGreen. In the NOPA, the Energy Commission listed April 8, 2015, as a potential adoption date for the proposed language, which was made available for public comment for 45 days as required by law. The proposed language is also known as the “45-Day Language” or “45-Day Express Terms”. The NOPA also stated that:

A hearing before the full Energy Commission, for possible final adoption of the 45-Day Language Express Terms will be held on the date below [April 8, 2015]; however, if the Energy Commission decides to make substantive changes to the Express Terms through 15-Day Language, the public hearing may be continued to a later noticed date.

Staff has considered comments submitted during the 45-day public comment period and have made substantive and sufficiently related changes to the Draft Express Terms based on these comments. The Energy Commission is therefore releasing a revision of the Draft Express Terms for 15-day public review and comment, and continuing the public hearing for adoption at the date specified in this Notice.

The 15-Day Language and related documents can be obtained from the contact persons designated below or from the Energy Commission website at:  
<http://www.energy.ca.gov/title24/2016standards/rulemaking/>.

Should the Energy Commission determine that substantial and sufficiently related changes to the 15-Day Language are needed, this item will be continued to a future public hearing, a revised set of 15-Day Language documents will be prepared, and a future public hearing will be separately noticed.

## **Public Comment**

The public comment period for the 15-Day Language and additional documents relied upon is from May 26, 2015 through the public hearing on June 10, 2015.

Written comments should be submitted to the Dockets Unit by 4:00 p.m. on June 9, 2015. Written comments will also be accepted at the hearing, but are encouraged to be submitted in advance. All written comments will become part of the public record of this proceeding. Additionally, written comments may be posted to the Energy Commission's website for the proceeding.

The Energy Commission encourages comments by e-mail and electronic submission, up to 5 MB. Please include your name and any organization name. Comments should be in a downloadable, searchable format such as Microsoft® Word (.doc) or Adobe® Acrobat® (.pdf). For additional information, see Standing Order re: Proceedings and Confidentiality Procedural Requirements For Filing, Service and Docketing Documents with the Energy Commission, available at:  
[http://www.energy.ca.gov/dockets/documents/2011\\_Standing\\_Order\\_for\\_Documents.pdf](http://www.energy.ca.gov/dockets/documents/2011_Standing_Order_for_Documents.pdf).

Please include the docket number 15-BSTD-01 and indicate Adoption of 15-Day Language for the 2016 Energy Efficiency Building Standards in the subject line. Send comments to: [docket@energy.ca.gov](mailto:docket@energy.ca.gov).

If you prefer, you may send a paper copy of your comments to:

California Energy Commission  
Dockets Office, MS-4  
Re: Docket No. 15-BSTD-01  
Adoption of 15-Day Language for the 2016 Building Energy Efficiency Standards  
1516 Ninth Street  
Sacramento, CA 95814-5512

In addition, the Energy Commission will accept oral comments during the hearing on June 10, 2015. Comments may be limited to three minutes per speaker to ensure all interested persons are given the opportunity to speak. Any oral or written comments

submitted during the hearing will become part of the viewable public record in this proceeding.

### Public Adviser and Other Commission Contacts

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission proceedings. If you want information on how to participate in this forum, please contact Alana Mathews, Public Adviser at [PublicAdviser@energy.ca.gov](mailto:PublicAdviser@energy.ca.gov) or (916) 654-4489 or toll free at (800) 822-6228.

If you have a disability and require assistance to participate, please contact Lou Quiroz at [lquiroz@energy.ca.gov](mailto:lquiroz@energy.ca.gov) or (916) 654-5146 at least five days in advance.

Media inquiries should be sent to the Media and Public Communications Office at [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

If you have questions on the subject matter of this meeting, please contact Mazi Shirakh at [Mazi.Shirakh@energy.ca.gov](mailto:Mazi.Shirakh@energy.ca.gov) or (916) 654-3839. If Mr. Shirakh is not available, please contact Peter Strait at [Peter.Strait@energy.ca.gov](mailto:Peter.Strait@energy.ca.gov) or (916) 654-4086.

### Additional Documents Relied Upon

In preparing the revised Express Terms (15-Day Language) staff has identified the following documents as Additional Documents Relied Upon:

Nonresidential	
Document Number	Report Title
(none; supplement)	Staff Supplement to 2016-NR-ASHRAE1-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-ASHRAE2-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-ENV1-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-ENV2-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-HVAC1-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-HVAC2-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-LTG1-F (April 2015)

(none; supplement)	Staff Supplement to 2016-NR-LTG2-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-LTG3-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-LTG4-F (April 2015)
(none; supplement)	Staff Supplement to 2016-NR-LTG5-F (April 2015)

Residential	
Document Number	Report Title
TN #75325	<i>High Color Rendering Can Enable Better Vision without Requiring More Power; LEUKOS: The Journal of the Illuminating Engineering Society of North America, University of California Davis, 26 Feb 2015</i>
TN #75594	<i>Report – New Home Cost v. Price Study, PG&amp;E, April 2015</i>
(none; presentation)	<i>Next Generation Construction: Advanced Residential Water Heating, PG&amp;E, Jan 28, 2015</i>
(none; federal publication)	<i>Assessing the Energy Savings of Tankless Water Heater Retrofits in Public Housing, R. Ries, R. Walters, and D. Dwianoro, January 2013</i>
TN #74627 and TN #75515 (duplicate)	Residential Instantaneous Water Heaters (updated February 2015)
(none; supplement)	Staff Supplement to 2016-RES-DHW1-F (April 2015)
(none; supplement)	Staff Supplement to 2016-RES-ENV1-F (April 2015)
(none; supplement)	Staff Supplement to 2016-RES-ENV2-F (April 2015)
(none; supplement)	Staff Supplement to 2016-RES-HVAC1-F (April 2015)
(none; supplement)	Staff Supplement to 2016-RES-LTG1-F (April 2015)
(none; federal publication)	ENERGY STAR® Program Requirements Product Specification for Residential Refrigerators and Freezers Eligibility Criteria Version 5.0

(none; federal publication)	ENERGY STAR® Program Requirements Product Specification for Residential Dishwashers Eligibility Criteria Version 6.0
-----------------------------	--

## Availability of 15-Day Language and Documents Relied Upon

The proposed 15-Day Language as well as other documents in the rulemaking file are posted on the Energy Commission's website at:

<http://www.energy.ca.gov/title24/2016standards/rulemaking/documents/index.html>.

These documents are also available by contacting the Energy Commission's Buildings Standards Office. For copies of the 15-Day Language in hard copy, contact Ron Yasny at (916) 651-2915 or by e-mail at [Ron.Yasny@energy.ca.gov](mailto:Ron.Yasny@energy.ca.gov).

All of the documents in the rulemaking file are available from the Energy Commission's Dockets Office for viewing during regular business hours (8:00 AM – 5:00 PM, Monday through Friday). For public inspection of these documents, please contact:

CALIFORNIA ENERGY COMMISSION  
Dockets Office  
1516 Ninth Street, MS-4  
Sacramento, California 95814-5512  
(916) 654-5076

## Website Information

This Notice along with the Notice of Proposed Action, the Initial Statement of Reasons, the 45-Day Language (Express Terms), the 15-Day Language, and all other relevant rulemaking documents can be accessed at the Energy Commission's website at:

<http://www.energy.ca.gov/title24/2016standards/>.

DATE: May 26, 2015

Listserv: efficiency, buildingstandards