

**From:** Steve Mesh [<mailto:steve@stevemesh.com>]  
**Sent:** Monday, October 15, 2012 4:39 PM  
**To:** Brook, Martha@Energy  
**Subject:** clarification with regard to proposed code language



October 15, 2012

Martha Brook, CEC  
Sacramento, CA

Dear Martha,

Upon reflection about the public hearing held in Sacramento on October 1st, I wanted to clarify my thoughts with regard to the CEC's proposed new code language for Title 24.

In my opinion, the most pressing priority from a code perspective is to make use of -- and make reference to -- the CALCTP program. As a lighting design and lighting education professional for the past 32 years, CALCTP is the only training and certification course to my knowledge that provides the breadth of knowledge about lighting controls as currently referenced in the proposed 2013 update of Title 24. As such, I think it's critical -- and extremely prudent -- that your proposed code language referencing the CALCTP as the first approved course for "acceptance testers" be approved/adopted.

Perhaps in future code cycles, the CEC might consider extending this type of training requirement to installing contractors as well. But for now -- applying this requirement to "acceptance testers" is an extremely prudent move on the part of the CEC. There is already a growing critical mass of journeymen electricians who have successfully passed the course. I firmly believe that there's a much greater opportunity for energy reduction in the future by extending and enhancing the CALCTP program as I've already suggested. However, I realize that the issue on the table at this moment is getting "acceptance testers" trained to a level that, at a minimum, will allow them to verify whether lighting controls installations will adhere to the proposed 2013 update of Title 24 requirements. The CALCTP program will definitely serve that purpose. As such, I wholeheartedly support the adoption of the code language that the CEC has proposed.

During my 3-year tenure as the lighting expert at PG&E's Pacific Energy Center, I became very familiar with the CALCTP. So, although I think the program can be enhanced in the future for installers (to address more complex lighting control products that come into the market), the current curriculum is absolutely sufficient to get "acceptance testers" up to speed with what they need to know to verify installations. The CEC and the ad hoc consortium of utilities which provided the original funding should be complimented for their foresight in establishing the CALCTP program.

I wanted to make sure that my position about the CEC's proposed new code language was clear and unequivocal. It absolutely should be adopted and there's no question in my mind it will have an immediate and positive effect on energy savings throughout the state. Thank you.

Sincerely,

Steve  
Steven Mesh, LC, IESNA  
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