



September 14, 2011

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 10-BSTD-01
1516 Ninth Street
Sacramento, CA 95814-5512

Dear Gary,

I am a subject matter expert in videoconferencing lighting. I am a committee member of the Illuminating Engineering Society of North America (IESNA), Lighting for Videoconferencing and Presentation Committee. Our committee is responsible for the publication of IESNA DG-17-05, Fundamentals of Lighting for Videoconferencing and we are currently developing a joint ANSI standard with INFOCOMM on Video Conferencing Spaces.

During the rulemaking proceeding to adopt changes to the 2008 update to Title 24, Part 6, I worked directly with you, and proposed a new exception be added to section 146 of the Standards, specifically because of the publication of the Fundamentals of Lighting for Videoconferencing.

An exception similar to what was proposed was adopted. However, there was a misunderstanding as to how many watts was suggested should be included in the exception. The language that was adopted in response to my recommendations is as follows:

Title 24, Part 6, Section 146(a)3 Lighting wattage excluded. The watts of the following lighting application may be excluded from Section 146(c)

- T. Lighting in a videoconferencing studio: Up to 2.5 watts per square foot of lighting in A videoconferencing studio, provided that videoconferencing lighting is in addition to and separately switched from a general lighting system, all of the lighting is controlled by a multiscene programmable control system, and the video conferencing studio has permanently installed videoconferencing cameras, audio equipment, and playback equipment.*

My misunderstanding was that I thought the 2.5 watts per square foot was the total allowable watts for videoconferencing not 2.5 additional watts. If the document is intended to read as additional watts per square foot then the number should be an additional 1.5 watts per square foot.

My recommendation is that the number be changed from 2.5 to 1.5 watts per square foot, and that you continue working with me and the committee to amend and clarify the language for the next update of the Standard.

Regards,

A handwritten signature in black ink, appearing to read "Lee Hedberg", with a stylized flourish at the end.

Lee Hedberg, LC
Director of Engineering