



March 2, 2015

Dr. Andrew McAllister  
California Energy Commission  
1516 Ninth Street, MS-3.1  
Sacramento, CA 95814

Dear Commissioner McAllister:

This letter serves strong support and petition for the Electric Program Investment Charge (EPIC) to continue its commitment and support of research centers that implement multi-year programs. I am writing, in particular, to advocate on behalf the University of California, Irvine's California Plug Load Research Center (CalPlug). This organization is unique and different as it serves California residents in better understanding the growing plug load energy consumption while conducting research that fosters and promotes energy saving and efficiency with maximum consumer participation in mind.

Some of the innovative and effective projects that have been developed from CalPlug include Wall of Power, 5 watt 5 second, 1 Kwh challenge - just to name a few.

- o The "Wall of Power" (WoP) project is an innovative embodiment of residential plug load monitoring and management to bring significant research attention to energy consumption at the personal level.
- o The 5w5s Device is an intelligent Set-Top-Box (STB) power management device which is adaptive to people's behaviors and further will determine and change the set-top-box power state based on the users current activities and their patterns of behavior collected and stored before.
- o The 1 kWh Challenge promotes energy awareness about every-day consumer electronics and their power consumption to the public

For California Energy Commission (CEC) to ensure that California remains in the forefront of exceptional efficiency programs, highly respected advances in energy technologies and innovations and to be the leading voice for the a green planet, institutions like CalPlug are needed. As a major stakeholder with vital interests in meeting its goals of energy efficiency and savings, it is necessary for CEC to pledge and invest in programs such as EPIC that will lead to the implementation of incentives with optimal consumer involvement, cutting-edge research which will produce innovations and establishment of consortiums that provide strong leadership in energy

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efficiency. It would certainly be a black day when California is no longer the leader in all things green.

Therefore, I kindly request that you review these considerations.

Sincerely yours,

Henry ML Wong  
Sr. Power Technologist  
ISO/IEC JTC1 SC39 WG1 Convenor