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California Energy Commission
Docket No. 06-AAER-1
Docket Unit
1516 Ninth Street, Mail Station 4
Sacramento, California 95814-5504

Dear Commissioners,

We wish to thank the commission for its proposed amendments to delay the effective date for the minimum energy requirements for power supplies.

We are concerned about the limited amount of time and the limited amount of hearings that have been made available for public hearings on the new requirements.

Q.I.S. Incorporated of California is a manufacture of communication, audio and video products mainly supplied to the education market. We have also been involved in the security and energy control system market.

School districts in California purchase large numbers of portable audio, video and music teaching assisted learning, assisting listening equipment which utilize external power supplies which would be effected by this new requirement.

In our preliminary investigation to locate a below 15 watt portable A/C to A/C power supply that could meet the new requirements or a new more efficient A/C to DC supply for portable devices and that also meets UL (a requirement for Public Schools) we were unsuccessful.
With such a lack of availability of approved power supplies in the Audio, Video and Music category that meet UL Audio, Video and Music standard 60065, it is difficult for our company as we are sure for other companies in this industry to meet the new requirements timely.

The availability of a new energy efficient technology such as SMPS does not always yield a solution for all industries. These devices create extra radio frequency radiation not only affecting the design of the power supplies, requiring extra agency testing for interference, but also can affect the audio, video and music circuitry adding cost to the end product.
Each of these added steps require added time for proper design and evaluation, agency approvals, and availability of components necessary for production.

Most of the security system panels now available on the market use a UL class 2 A/C to A/C external plug-in transformer power supply that mounts to the electrical outlet. Security door systems use a similar UL class 2 transformer to control security door access.

Heating and Air Conditioning, and lighting energy control systems use a similar UL class 2 A/C to A/C external transformer supply that wire directly into the electrical box to control much larger amounts of energy.

To date we have not found a substitute for these type of power supplies that meet the new requirements. The simplicity, reliability and low maintenance of these types of supplies has proved itself over many years. With limited supplies of substitute power sources and the added time necessary to convert these systems to new technology and obtain the necessary approvals in our option is at least a year or more away.

If solutions for these industries Education, Security, and Energy Management are not available timely, shortages could occur, which could effect both cost and availability.

Some possible solutions maybe a more gradual implementation of energy efficiently levels, or energy levels based on industry type. Another alternative may be to allow less stringent energy requirements if companies implement alternative energy saving methods on there own improving there energy usage over a period of time.

Our Company continues to work on improving the energy consumption of our products not just our power supplies, and these changes are saving more energy then just meeting a new higher power supply efficiency standard.

We wish to thank the commission for the opportunity to share our concerns on this important docket.

Sincerely,

DennisDaigle

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