

October 30, 2009

DOCKET
09-AAER-1C

DATE OCT 30 2009

RECD. OCT 30 2009

Appliance Efficiency Program
California Energy Commission
Docket Number 09-AAER-1C
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REQUEST FOR TECHNICAL CORRECTIONS:

As discussed by Panasonic representatives (Mark Sharp and William Schindler) in a meeting with CEC staff engineers Harinder Singh and Ken Rider on October 20, 2009, at the California Energy Commission offices, and forwarded October 21, 2009, by electronic mail, Panasonic is requesting the Commission incorporate the following “technical corrections” into the 45-day language prior to consideration for adoption. The technical corrections will:

- Ensure an accurate and repeatable power factor measurement
- Clarify home mode is used to meet on-mode power criteria
- Harmonize light measurement protocols with ENERGY STAR Version 4.0/5.0

By separate cover, Panasonic will provide overall comments on the Commission’s proposed new regulation of TV on-mode power consumption (Docket Number 09-AAER-1C) and related TV performance.

Section 1604 V 3 A (page 3) Power Factor:

For measurement of the power factor, use the static Three Bar video signal as is used in the Light Measurement Protocols Section 1604 V 3 D. Only a single measurement is required since the signal does not change.

Section 1604 V 3 B 1 (page 3) On-mode power measurement:

For TVs with a “forced menu,” the on-mode power should be clearly defined as the “home” mode power. The on-mode power should not be confused with the additional measurement of the “most energy consumptive mode available in the forced menu.”

Section 1604 V 3 D 5 (page 5) Light Measurement Protocols:

In the item number 5, change “See Note 2” to read “See Notes 1 and 2.” This change is already accepted by the ENERGY STAR version 4.0/5.0, and will be available in the next updated document release. No other changes are required in this Light Measurement Protocol section. (Item 3 still requires the “See Note 1” statement.)

In addition, the following corrections to typographical errors in the 45-day language are requested

Section 1605.3 V 3 (page 6):

Change the references to section numbers as follows:

- (1605.3 V 2 A) should become (1605.3 V 3 A)
- (1605.3 V 2 B) should become (1605.3 V 3 B)
- (1605.3 V 2 C) should become (1605.3 V 3 C)

Sincerely,

Mark J. Sharp
Group Manager
Corporate Environmental Department