



EEDAL 2006 London TV Test Procedure Workshop Meeting Report

On 19 June 2006, a *community of practice* was launched by 27 stakeholders drawn from government officials, manufacturers, energy efficiency advocates and academics from around the world interested in television energy performance and efficiency. The agreed goals for this three-year initiative are:

- To support the creation of a new IEC test method, to measure the power requirements for televisions in on and all low power modes by;
 - Assisting in the development of a series of testing sequences for IEC working group consideration; and,
 - Sharing information on various performance parameters that might influence the nature of the test procedure.
- To ensure that the new IEC test method is:
 - Suitable to measure all television screen display technologies without favouring any particular technology, including ancillary features included in the television that add to its overall power consumption;
 - Capable of providing consistent results when conducted in testing facilities throughout the world using simple and easy-to-apply methodology; and,
 - Representative of normal signals processed by televisions.

These objectives have been endorsed by the representatives from home entertainment industry and stakeholders attending this workshop.

This event was organised to address growing international concern about the increased energy consumption attributed to televisions. The launch workshop was held immediately before the ***4th International Conference on Energy Efficiency in Domestic Appliances and Lighting – EEDAL'06*** in London. Outcomes from

the workshop may be used by various governments around the world to implement policies to address the growing energy consumption of televisions.

Over 190 million TVs are sold annually. It is estimated that together these TVs will consume 300,000 GWh of electricity over their 8 year life and cost consumers \$360 billion US dollars. The generation capacity required to meet this energy demand is equivalent to the output of over sixty 500MW power stations.

Supporters of the community of practice agreed to the following **practical steps**:

- Releasing of these notes to record the launch of the initiative;
- Reporting progress using the website www.tvtesting.org and www.apec-esis.org; and,
- Agreeing to meet at a workshop organised by the US EPA's ENERGY STAR® program on 20th July 2006 - adjacent to the next IEC television working group meeting in Washington, DC in July 2006.

Timeline of Important Actions

1. Provide testing sequences for evaluation by the IEC working group by 7th July 2006 (if possible) but no later than 17th July 2006.
2. IEC working group to meet and discuss options on 18th and 19th July 2006.
3. The officially designated IEC working group team leader has committed to provide a working draft of the revised test standard by the end of the final meeting of the working group in Berlin on 27th September 2006.

Annex A – List of Supporters of the *Community of Practice*

Name	Company	Country
Kevin Hoffman	3M	USA
Brian Markwalter	Consumer Electronics Association (CEA)	USA
Li Aizhen	China Standard Certification Center	China
Jeff Shepard	Darnell Group	USA
Chris Baker	DEFRA - UK Government	UK
Shane Holt	Department of Environment and Heritage, Australia	Australia
Keith Jones	Digital CEnergy	Australia
Chris Calwell	Ecos Consulting	USA
Paul Ryan	EnergyConsult	Australia
Bruno Zago	HP	USA
Mehernaz Polad	ICF International	USA
George Fullam	Intellect	UK

John Cockburn	Natural Resources Canada	Canada
Noah Horowitz	Natural Resources Defense Council	USA
Stephanie Zangi	Oko-Institut	Germany
Mark Sharp	Panasonic	USA
Greg Davies	Panasonic	UK
Kees Teunissen	Philips CE	The Netherlands
Stephen Colclough	Samsung	UK
Jon Fairhurst	Sharp Labs America & IEC	USA
Larry Weber	Society for Information Displays & IEC	USA
Huw Waters	Sony TV of Europe	EU
Lars Waller	TCO Development	Sweden
Steve Finbow	Toshiba UK	UK
Matthew Armishaw	UK Market Transformation Programme	UK
Bob Harrison	UK Market Transformation Programme	UK
Andrew Fanara	US EPA ENERGY STAR	USA

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