

The Fourth International Conference on Energy Efficiency in Domestic Appliances and Lighting (EEDAL)

London, 21 – 23 June 2006

EEDAL and the Global Sustainable Product Network Action Plans

TVs

EEDAL saw the launch of a new Community of Practice on TV Test Procedures and Performance Parameters. This Community of Practice has been formed due to concern over the increasing consumption of electricity by TVs worldwide. 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.

Twenty four delegates from 7 countries participated in the launch, drawn from government officials, manufacturers, energy efficiency advocates and academics from around the world interested in television energy performance and efficiency. Delegates agreed goals for this three-year initiative as:

- To support the improvement of the IEC test method, to measure the power requirements for on and all low power modes by;
- Assisting in the development of a series of testing sequences for IEC working group consideration;
- 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;
 - Capable of providing consistent results when conducted in testing facilities throughout the world using simple and easy-to-apply methodology;
 - Representative of normal signals processed by televisions in the home.

Supporters of the Community of Practice agreed to the following practical steps:

- Release of these notes to record the launch of the initiative.
- Reporting progress using the website www.apec-esis.org.
- Agreeing to meet at an event organised by the US Government adjacent to the next IEC television working group meeting in Washington during July 2006.

The agreed timelines for immediate actions are as follows:

- Provide testing sequences for evaluation by the IEC working group by the 18th July 2006.
- IEC working group to meet and discuss options on 18th and 19th July 2006.
- 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 and 28th September 2006.