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FACTSHEET



SEAD Global Efficiency Medal for Displays

The SEAD Global Efficiency Medal competition is a global awards program that encourages the production and sale of super-efficient appliances by identifying the most efficient products in different categories and regions, as well as overall global winners.

This winner-takes-all competition spurs innovation among manufacturers and guides early-adopting consumers who want to buy top-performing, super-efficient products. SEAD’s annual competition encourages manufacturers to develop and nominate innovative products that set higher energy-efficiency benchmarks for their industries—and to share their best practices throughout the marketplace.

Global Efficiency Medal Winners

The world’s top energy-saving computer displays are:

Small-Size Category – Commercially Available

(15 inches to less than 20 inches, 1.04 megapixel minimum resolution)



Winner: LG 16EN33SA

15.5-inch diagonal screen size

This 15.5-inch LCD display with LED backlight offers clear images, true blacks and vivid, life-like colors on a slim screen. Dual Monitor, Dual Web and Dual Taskbar solutions are available.

Energy Use: 4.3 W on-mode power | Efficiency Improvement: 53% more efficient than other commercially available monitors

Medium-Size Category – Commercially Available

(20 inches to less than 23 inches, 1.44 megapixel minimum resolution)



Winner: Samsung S22C200B

21.5-inch diagonal screen size

This 3.1" thin monitor has a reduced bezel size of .43". The tilt-adjustable stand gives it a sense of style and the LED-backlit, full 1920 x 1080 HD LCD screen delivers rich, vibrant colors and super-sharp text.

Energy Use: 12.8 W on-mode power | Efficiency Improvement: 28% more efficient than other commercially available monitors

Large-Size Category – Commercially Available

(23 inches and larger, 2.07 megapixel minimum resolution)



Winner: Samsung S27C450B

27-inch diagonal screen size

This monitor’s five-mode angle management provides excellent clarity from any position. The narrow-bezel design and low profile stand take up less desk space and contributes to a cleaner-looking work space.

Energy Use: 15.2 W on-mode power | Efficiency Improvement: 43% more efficient than other commercially available monitors

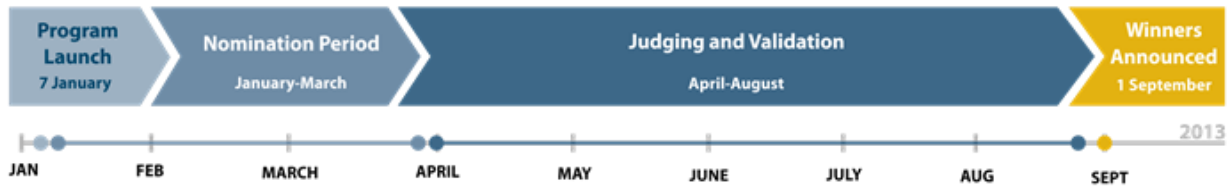
Global Emerging Technology Winner

(Will be commercially available worldwide within the next two years)

Winner: Samsung S24XXXX

23.6-inch diagonal screen size

Energy Use: 8.5 W on-mode power
Efficiency Improvement: 53% more efficient than commercially available monitors of similar size



Selection Criteria and Timeline

On 7 January 2013, SEAD launched the display awards competition. SEAD invited interested manufacturers to nominate products in one or more categories.

For each winning product, entrants provided samples so that energy efficiency claims could be verified. During a formal judging period, sponsoring governments validated the energy efficiency of each product based on the display’s energy consumption per unit of screen area.

The Global Efficiency Medal winners demonstrated the greatest energy efficiency of nominated products in Australia, Europe, India and North America.

Regional Winners

SEAD also recognized the following regional winners:

	Small	Medium	Large
Australia	LG 19EN33TA	LG 22EN33TA/ 22EN33SA	Samsung S27C450B
Europe	LG 19EN33SA	Samsung S22C200B	Samsung S27C450B
India	LG 16EN33SA	Acer V226HQL	Acer V246HL
North America	Acer V196HQL	Samsung S22C200B	---

Consumers and Businesses Save Energy

Displays account for up to 35% of a desktop computer’s energy consumption.¹ In 2008, monitors used an estimated 30-40 TWh of electricity globally,² equivalent to the electricity produced by 12 mid-sized coal power plants. If all monitors sold were as efficient as the SEAD award-winning models, 15-20 billion kilowatt-hours of energy could be saved by 2020 – enough to power Washington, DC for nearly a year and a half.

Manufacturers are encouraged to mark winning models with the Global Efficiency Medal logo in their marketing and product websites, so that these models can be easily identified by prospective buyers.

Making an Impact

This is the second SEAD Global Efficiency Medal competition. The first competition recognized super energy-efficient flat-screen televisions globally. That competition spurred the implementation of two promotional incentives in the United States to encourage the purchase of SEAD award-winning televisions and increase awareness of energy efficiency.

The SEAD Global Efficiency Medal competition for motors is currently underway, with winner announcements expected in September 2014.

1 Park, Won Young, Amol Phadke, and Nihar Shah. "Efficiency Improvement Opportunities for Personal Computer Monitors: Implications for Market Transformation Programs - Springer." Energy Efficiency 6.3 (2013): 545-69. 01 Aug. 2013. Web. 31 July 2013.
2 Ibid.

The Super-efficient Equipment and Appliance Deployment (SEAD) Initiative of the Clean Energy Ministerial (CEM) and the International Partnership for Energy Efficiency Cooperation (IPEEC) helps turn knowledge into action to accelerate the transition to a clean energy future through effective appliance and equipment energy efficiency programs. SEAD is a multilateral, voluntary effort among Australia, Brazil, Canada, the European Commission, France, Germany, India, Japan, South Korea, Mexico, Russia, South Africa, Sweden, the United Arab Emirates, the United Kingdom, and the United States.