

February 21, 2007 Murtha Helps to Accelerate Development of Wireless Power Technology

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Murtha Accelerates Development of Wireless Power Technology from Powercast Company Wins Prestigious Consumer Electronics Award

Ligonier, PA- Powercast LLC, a start-up whose roots are in Ligonier, PA, won the CNET award for Best Emerging Technology at the Las Vegas Consumer Electronics Show (CES) in January. The award was given to Powercast for their industry leading radio frequency (RF) power harvesting technology. CES 2007 was the first time Powercast publicly unveiled the technology.

The Powercast Wireless Power Platform™ (WPP) consists of an RF transmitter, called a Powercaster™, and an RF receiver, called a Powerharvester™. Just like TV, radio, and WiFi use RF for data communication, the Powercast WPP uses RF for wireless power transfer. The power that is wirelessly harvested can be used to recharge, or even directly power, many devices that are powered by small batteries today.

There are many uses for the technology. Some applications include computer peripherals, hearing aids, cell phones, watches, medical implants, next generation RFID tags, security sensors, wireless sensors, lighting, and more. The same technology is also being explored for use in military applications and is currently being sponsored by Congressman John Murtha.

"When Powercast's technology came to my attention a few years ago, it was little more than a couple of local entrepreneurs working out of a tiny office over a movie theater," Murtha said. "Recognizing the enormous potential of this technology to assist our troops -- who are ever more dependent on electronic devices for everything from communications to intelligence to logistics - I was more than happy to assist Powercast in obtaining R&D funding to pursue research devoted to military applications. Powercast's extraordinary success at the world's largest electronics show is verification of their technology and also a reminder of the importance of small companies to America's security and economic competitiveness."

Powercast is presently working with the Department of Defense to reduce the cost and waste associated with small batteries, as well as increases the efficiency of portable electronic devices used by our soldiers and sailors.

Powercast is a great example of a winning development model. Congressman Murtha's support of R&D projects is accelerating Powercast technology development, helping bring a new technology to the consumer market, and providing new capabilities for future military personnel. Meanwhile, as Powercast ramps new employees to meet strong market demand, new US jobs are being created for those highly skilled in technology, including the Western Pennsylvania region.