GREEN REVOLUTION COOLING NAMED DISRUPTIVE AT SC'09

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AUSTIN, TX, August 3, 2009 -- Green Revolution Cooling (GRC) has been named a Disruptive Technology of the year at the upcoming SC'09 conference in Portland, Oregon. In its third decade of existence, Supercomputing is the most important conference in HPC today and the Disruptive Technologies program is designed to showcase technologies that are disruptive today but could soon be mainstream in the HPC space.

GRC will be exhibiting its revolutionary new product, the CARNOTJET™ fluid-submersion cooling system for OEM servers. The system is an open system that accepts any OEM server. Three simple server modifications are required: removal of fans, substitution of Indium foil for thermal grease, and encapsulation of hard drives, if present. Once in the bath, server components are cooled by direct contact with circulating fluid, which is removed to a Pump Module to transfer server heat to the exterior.

Using the CARNOTJET™ system, data center cooling energy is reduced by 90-95%. Server power is reduced 10-25% due to the removal of fans, and overall data center costs are reduced by 40-45%.

Additional advantages to the technology include support for high-density equipment, increased reliability of connections, greatly reduced hard drive vibration, lack of hot spots, whisper-quiet operation, lack of CRACs, chillers, and most traditional data center infrastructure.

The SC'09 committee has recognized GRC's breakthrough technology and the enormous potential for energy savings, cost savings, and performance increases in the data center will be on display in Portland.

ABOUT GREEN REVOLUTION COOLING

Green Revolution Cooling, an Austin-based company, has developed the CARNOTJET™ system, a high performance, total submersion-cooling solution for servers.

ABOUT SC'09

SC'09 is the international conference for high performance computing, networking, storage and analysis. It will take place November 16-19 in Portland, Oregon. For more information please visit: http://sc09.supercomputing.org

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