



## GREEN REVOLUTION COOLING INSTALLS CARNOTJET™ SYSTEM AT TEXAS ADVANCED COMPUTING CENTER

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**AUSTIN, TX, April 15, 2010** -- Green Revolution Cooling (GRC) has announced the first installation of its product, the CARNOTJET™ fluid-submersion cooling system for OEM servers, at Texas Advanced Computing Center (TACC) in Austin, Texas.

The single-rack 42U CARNOTJET™ system was installed on a loading dock adjacent to Ranger supercomputer at TACC. The system has 40kW of capacity and will cool dense servers efficiently even when ambient temperatures reach upwards of 110°F during the Central Texas summer.

TACC and GRC will work to verify three key items: cooling power efficiency, ability to accept full range of form factors, and potential for over-clocking servers. The testing will focus on proving out energy efficiency numbers for the system, including server power reduction, cooling efficiency and results of server fan removal.

The installation comes after GRC was awarded a Phase I Small Business Innovation Research grant from National Science Foundation to build up the technology and benchmark it for minimum energy use, reliability, and over-clocking capabilities. Testing will take place over the next months at TACC.

### **ABOUT GREEN REVOLUTION COOLING**

Green Revolution Cooling, an Austin-based company, has developed the CARNOTJET™ system, a total submersion cooling solution for servers. GRC was recently named a Disruptive Technology of the Year at SC'09.

### **ABOUT TEXAS ADVANCED COMPUTING CENTER**

Home of Ranger supercomputer, Texas Advanced Computing Center (TACC) is a Top-10 supercomputing site affiliated with the University of Texas at Austin. Please visit <http://tacc.utexas.edu> for more information.

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