COOL ENERGY
POWERING A CLEAN TOMORROW™

COOL ENERGY, INC. AWARDED GRANT BY NATIONAL SCIENCE FOUNDATION

Boulder, Colorado – November 5, 2007 - Cool Energy, Inc., a Boulder-based solar energy technology development company, has announced that it has been awarded nearly $100,000 in a Phase I Small Business Innovation Research (SBIR) grant from the National Science Foundation. The focus of the sponsored research program is the ongoing development and testing of a novel engine to provide both heat and electric power to residences and homes when integrated with solar thermal collectors.

Cool Energy employs a team of senior engineers with a unique diversity of backgrounds. This team has produced innovative design concepts to advance the development of a heat engine that will enable cost-effective distributed power generation. A combination of advanced materials for performance improvement and off-the-shelf components allows the engine to generate electricity more economically than other renewable systems. When employed with the latest generation of solar thermal collectors, the Cool Energy engine delivers solar electricity when heat from the collectors is not needed in the host residences or commercial buildings. During the winter months, most of the energy from the collectors is used to heat the building's living space, while in the summer, the engine converts that energy to electricity.

"Our company's goal is to develop clean, reliable power systems that can economically harness the sun's energy to offset the use of an increasingly expensive and diminishing supply of climate-altering fossil fuels," said Samuel Weaver, President of Cool Energy. "This grant award will assist us in our efforts to bring down the payback time for home and building owners who purchase solar energy systems. Improving access to solar power and other renewable energy sources, along with energy efficiency improvements, is critical for a healthy future for our children and our planet." About Cool Energy, Inc.

Cool Energy, Inc. is a solar energy equipment company focused on the development of solar thermal systems to harness the sun's energy to provide both heat and electricity for

homes and business. Its engineering team has created several patent-pending technology advances for both distributed and central station electric power generation.

Cool Energy is located at 5541 Central Ave., Suite 172 in Boulder, and can be reached at (303) 442-2121 or through its website at www.coolenergyinc.com

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