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FOR IMMEDIATE RELEASE

Apollo Solar Awarded \$4.1M Contract to Develop Innovative Energy System

BETHEL, Conn. – (BUSINESS WIRE) – August 28, 2008 – Apollo Solar, which specializes in the design and manufacture of power electronics for solar energy systems, has been contracted by the U.S. Department of Energy to provide development of less expensive, more efficient technologies to enhance the value of solar systems to home and business owners. The contract consists of three phases, totaling \$4.1 Million. Apollo Solar has been awarded the first phase.

The product development work is part of The Solar Energy Grid Integration Systems (SEGIS) Program administered and managed by Sandia National Laboratories. The DOE recruited Apollo Solar to develop more cost-efficient products with greater energy production, all integral to the Solar America Initiative, which aims to bring about grid parity – making solar energy cost-competitive with conventional forms of electricity – by 2015.

The product development will build upon Apollo Solar’s core expertise in maximizing solar energy harvest and providing energy storage capabilities in PV systems that can be remotely monitored to quantify performance. Increasing the use of alternative and clean energy technologies such as solar energy is critical to diversifying the nation’s energy sources, minimizing the economy’s dependence on foreign oil and reducing greenhouse gas emissions.

“Harnessing the natural and abundant power of the sun and cost-effectively converting it into energy is an important component of our comprehensive strategy to commercialize and deploy advanced, clean, alternative technologies to enhance our energy security and reduce greenhouse gas emissions,” DOE Principal Deputy Assistant Secretary John Mizroch said in announcing the contract with Apollo Solar.

The objectives of the SEGIS Program are to develop products that will allow photovoltaics to become a more integral part of household and commercial Smart-Energy systems. The DOE has selected Apollo Solar to develop advanced modular components for power conversion, energy storage, energy management, and communications with distributed solar electric systems.

“To bring solar energy to parity with conventional energy fuels, customers require reliable and easy-to-install solar electronics that optimize power production and offer communications management and control to quantify performance,” John Pfeifer, founder and CEO of Apollo Solar, said. “We are pleased to be selected to develop products that provide us with a sustainable energy future.”

The Apollo Solar product development focuses on inverters, charge controllers, and energy management systems that communicate with utility energy portals to implement the seamless two-way power flows now being planned by the power industry.

The two-way power flow is created when the established delivery of utility electricity is coordinated with the return of surplus solar-generated electricity distributed throughout the grid, together with adjoining dispatchable energy storage systems.

The overall intelligently managed energy system, based on direct communication and electronic control of the various sources of energy, is known as “The Smart Grid.” Apollo Solar will develop products that maximize the value of the distributed solar electric generation with the energy storage systems and offer consumers greater control of their electricity consumption and its costs.

About Apollo Solar

Apollo Solar provides premium solar photovoltaic power electronics in a full line of inverters, charge controllers, and communications modules integrated into solar power centers designed for fast, fail-safe

installation and use. With more than 40 years of experience in the design and manufacture of power systems for numerous industrial Fortune 500 clients, as well as NASA and the US military, Apollo Solar is known for its exclusive built-in energy performance meters, wireless remote data monitoring, and web-based upgrade capabilities. Apollo Solar specializes in robust thermal design and optimal solar energy harvest, both of which increase performance, enhance reliability, and reduce both upfront and life-of-system cost. Learn more at www.apollosolar.com.

For more information, contact:

Daniel TwoEagles

603 654 4333

Daniel.TwoEagles@apollosolar.com