

## **Fat Spaniel Technologies Enables New Business Model for Solar Thermal Market**

*Real-Time Energy Data Creates Opportunities for OEMs and Installers by Making Savings Visible to Users*

**San Jose, Calif. – October 16, 2006** – Fat Spaniel Technologies, Inc. (FST), the leading provider of critical data communications and monitoring infrastructure for the distributed generation industry, today announced the first three deployments of its energy information system in the solar thermal market. Previously an obstacle for the growing industry, the absence of system performance monitoring and display prevented users from adopting the technology and OEMs and installers from demonstrating the value of their systems. Now via FST's real-time web-view of the solar thermal system's performance, customer needs are met, while creating new sales opportunities for OEMs and installers in the form of third-party ownership models based on verifiable Power Purchase Agreements (PPAs).

The beta sites in Canada, Florida and Missouri underscore the broad appeal of solar thermal systems, which target the nation's third largest household expense, heated water. Two residences, in Jacksonville, Florida and Kansas City, Missouri, now serve as beta sites for the systems, which monitor and provide access to real-time data about how their systems are performing. The Jacksonville site incorporates the ProgressivTube® system from FST partner, TCT Solar. A passive, self-contained solar hot water heater that integrates the solar collector and storage tank into a single unit system, the ProgressivTube functions as a pre-heater to conventional water heaters in most applications.

“The ability to monitor and measure the output from our solar thermal systems and view them over a web-based interface is a powerful next step for the industry,” said Roger Locke, director of sales for TCT Solar in Florida. “Fat Spaniel's technology lets homeowners and businesses instantly view the energy savings gleaned from the simple efficiency of solar thermal technology, turning the resulting cost savings into measurable assets.”

The commercial application of the technology exists in an award-winning solar-based laundromat in Toronto, Canada, The Beach Solar Laundromat, which was designed, financed and operated by FST industry partner, Mondial Energy. A variety of critical energy measurements, from power generated to incident solar radiation to ambient air and heat transfer fluid temperatures are monitored by the FST solution and made available to users and owner/operators in a real-time webview. This user-friendly display of system performance provides a platform for Mondial to build and maintain customer relationships with its key targets: hotels, multi-unit residential units and industrial process heat applications.

“We see FST's ability to monitor solar thermal systems as the last mile to opening up the solar thermal market to massive adoption,” said Alex Winch, president, Mondial Energy. “The ability to provide real-time data on the solar thermal energy being generated by our

systems has provided us with a value-add for our customers and new revenue-generating capabilities in the form of PPAs.”

“Like solar electric, the solar thermal market has been in need of an accurate, reliable method of monitoring and monetizing its systems,” said Fat Spaniel president and CTO, Chris Beekhuis. “Our technology addresses multiple needs along the solar value chain, while opening potential new revenue streams for renewable energy generation in any form.”

#### **About TCT Solar:**

From its headquarters in Jacksonville, Florida, TCT Solar manufactures the ProgressivTube® passive solar water heating systems. TCT Solar markets its products and systems in more than 75 countries and has a workforce of approximately 15. All ProgressivTube® systems meet or exceed all code requirements and certifications including IAPMO, Solar Rating and Certification Corporation (SRCC), Florida Solar Energy Center (FSEC), HUD and the state of Florida wind loading requirements. TCT Solar is a member of the Florida Solar Energy Industry Association. 2004 marks the 20th anniversary of the ProgressivTube®. Over the past two decades, thousands of homeowners and businesses have enjoyed the benefits of the ProgressivTube®. It has earned a reputation of high performance with durable design while assuring trouble free maintenance with maximum savings. . ProgressivTube® is considered the most “Obvious Technology®” in solar. For further information please visit us at: [www.tctsolar.com](http://www.tctsolar.com)

#### **About Mondial Energy**

Mondial Energy is a Toronto, Canada based financial intermediary. Mondial invests in ownership of commercial scale solar thermal facilities and sells the generated heat at competitive prices on fixed-term, fixed-price contracts. Mondial prices its renewable energy to be competitive with conventional energy alternatives such as electricity, natural gas or oil. Through long-term Mondial Energy contracts, customers can lock in their energy costs for terms longer than are available in conventional energy markets. By fixing a portion of its energy costs Mondial’s customers can significantly reduce the volatility of their total energy bill. For further information, visit: <http://www.mondial-energy.com>

#### **About Fat Spaniel Technologies**

Based in San Jose, CA, Fat Spaniel Technologies (FST) provides critical IT infrastructure and services for distributed power generation. FST services include data monitoring, system management & control, and financial reporting. FST's independent, third-party solutions enable system owners, installers, integrators, OEMs and utilities to optimize the delivery of distributed energy, recognize revenue, mitigate risk, control costs, and bring new business models to market. FST products are presently deployed worldwide on both renewable and fossil-fuel distributed energy systems including solar, wind, fuel cells, micro-turbines, combined heat & power systems and diesel generators. For more information, visit [www.fatspaniel.com](http://www.fatspaniel.com)

**Media contact:**

Caroline Venza, Antenna Group for Fat Spaniel  
caroline@antennagroup, 415-977-1939