



## **AISG Secures World's Largest Operating Photovoltaic Solar Power Plant, California Valley Solar Ranch**

*NRG Energy project includes 19 miles of perimeter fence line and 749,000 solar panels that generate power for 100,000 homes*

July 2, 2014 - American Integrated Security Group (AISG) has developed a customized solution for NRG Energy's use at the largest photovoltaic solar plant in the world, the California Valley Solar Ranch (CVSR).

"AISG was chosen for the CVSR project due to our vast experience in developing security solutions for the energy vertical," said AISG President and Chief Technical Officer Levy Acs. "In fact, overall, AISG secures more than 125 miles representing 1.25 GigaWatts of United States energy production."

AISG engineers and designers are well versed in the various federal and state regulations that accompany solar energy projects and also work to choose the most environmentally sound and efficient solutions, said Acs.

The \$1.6 billion CVSR project - located in San Luis Obispo County, California - is a 250 megawatt central station photovoltaic solar power plant that generates power for more than 100,000 homes. The renewable energy site consists of more than 749,000 solar panels and offsets more than 336,000 tons of greenhouse gas emissions. Located on literally thousands of acres in a remote area - where the nearest hotel is more than an hour away - the site consists of several land arrays surrounded by more than 19 miles of perimeter fence.

"Security and monitoring is vital at solar power energy sites such CVSR to secure critical infrastructure, deter copper theft, and limit disruption of power for often-times hundreds of thousands - and even millions - of energy consumers," said Acs.

To provide solar power customers with the utmost assurance that their site is being protected at all times, AISG deploys powerful, IP-based video surveillance cameras - including thermal day/night cameras that can detect a human a half-mile away - combined with perimeter alarm and 24/7 surveillance monitoring services from a central monitoring center. These vast and expansive locations are often unattended, but are frequent targets of theft and terrorism, and, as a result, require a comprehensive and reliable security and monitoring solution.

"Copper thieves, for example, are literally willing to risk death by electrocution in the pursuit of stealing and reselling this valuable commodity," said Acs. "The only match for such determination is an industry-leading, tried-and-true, energy security solution such as those AISG has developed on the path to becoming a solar power security market leader."

The energy market is a key vertical for AISG, voted the number one fastest growing integrator in North America by Security Dealer and Integrator Magazine's 2014 Fast50 listing. AISG delivers innovative integrated security systems with full-service expertise and resources to design, deploy, service, and monitor. AISG enjoys a strong presence in a variety of vertical markets in addition to energy, including: airports, seaports, commercial, corrections, education, financial, gaming, government, healthcare, and retail. Privately owned, the AISG family is "committed to building long-term relationships with our clients and providing outstanding customer service and support from initial contact through design, implementation, and monitoring," said Acs.



**Contact Information**

**Damian Schmidt**

American Integrated Security Group

<http://www.aig-online.com>

7185761471