

## **Medical Center to Save Money with Solar Enhanced Gas Air-conditioning – Largest in California to Date**

*Low gas prices and free sunshine enable immediate savings on space-cooling, space-heating, and domestic hot water. Financing eliminates upfront costs.*

**DANVILLE, Calif. —7 Feb, 2012— Chromasun**, the leading commercial rooftop solar solutions company, today unveiled construction of a solar and natural gas powered air-conditioning project at Crow Canyon Medical Center in Danville. The new system exploits low gas prices and the unique solar performance of Chromasun MCT solar panels to significantly offset the current operating costs of the buildings existing electric chiller system.

Customized lease financing was arranged by Chromasun for the project. The leasing package eliminated upfront costs and deferred payments to match or beat the anticipated energy savings.

75 Chromasun MCT solar panels were installed on the roof of the 5-story medical center building in a single day. Also to be installed is a 50 ton absorption chiller which is capable of being fired either by solar energy or natural gas. Because this chiller can be supplemented with gas when the sun is not shining it can provide heating and cooling on a 24/7 basis. The system will therefore annually offset 145,000 kWh of electricity normally consumed by the existing chillers for building space cooling. The system will also offset 1,100 therms of natural gas normally burned in space heating and hot water supply.

Richmond based Sunwater Solar was contracted by Chromasun to carry out the installation.

Justin Weil, owner of SunWater Solar, commented, “The MCT solar panels arrived onsite from the Chromasun factory and were ready to install immediately. I believe this project is the largest solar field we have ever installed in one day. It was amazing how easily the MCT panels were mounted and commissioned.”

“We have strived to incorporate the best energy efficiency and environmental performance technologies at Crow Canyon Medical Center,” said General Partner of Crow Canyon Medical Center, John Moore. “However the existing electric chillers dominated our energy consumption and represented a challenge in the building upgrade. The Chromasun solar and gas chiller installation is expected to significantly displace our future cooling and heating needs even with our limited roof area. I have been impressed by the quality of the Chromasun product and look forward to the energy savings when operating the system.”

Chromasun CEO, Peter Le Lievre noted, “The sun is free and, unlike electricity rates, natural gas prices do not spike in summer. I believe that many building owners will be surprised at how much they can save when they use gas and solar to provide air conditioning and heating. Expensive peak electricity prices and demand charges can be avoided entirely with these technologies. It’s truly a win-win to reduce building operating costs while improving environmental performance at the same time. And with Chromasun financing of the system, these benefits come with no upfront costs”

To learn more about Chromasun and the MCT system, please visit <http://www.chromasun.com>

### **About Chromasun**

Founded in 2008, Chromasun is a leading developer and manufacturer of rooftop friendly high performance solar solutions. Chromasun's unique MCT HT solar collector provides high grade thermal energy but in a familiar flat panel format with no external moving parts. The MCT HT is designed to drive high performance air-conditioning absorption chillers and other industrial process heat applications directly from sunlight. It is the most space efficient solar technology available and can produce more energy per unit of roof area than any competing technology. As a leader in the space, the Chromasun team of engineers and professionals have decades of experience in utility scale solar, air-conditioning engineering, product development and manufacturing.

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