

ELITE NEWS RELEASE

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John Muir Medical Center Receiving Exceptional Performance from CHP System

Concord, California hospital seeing 97 percent uptime from its combined heat and power modules.

Carson City, NV, July 6, 2011 — It didn't take long for John Muir Medical Center to experience the exceptional efficiency of Elite Energy Systems' combined heat and power (CHP) solutions.

A study conducted nine months after the hospital's CHP system went online shows the application to be operating at 97 percent uptime. Thanks to the dependability of this system, John Muir is able to create enough heat and power for the entire 254-bed acute care facility on site, with minimal dependence on the utility grid.

From the months of September 2010 to May 2011, John Muir's four CHP units operated for 25,075 out of a potential 25,788 hours. During that time, the system generated well over 5.6 million kilowatt hours for the hospital.

This extraordinary performance is a testament to the efficiency of ELITE's EnviroGen® Energy Modules. John Muir's CHP system consists of four modules with a total electrical output of 907 kWe. Caterpillar G3400 Series naturally aspirated engines (3 x G3412NA and 1 x G3406NA) power the modules, driving Marathon synchronous generators at 1,800 RPM.

What makes this performance particularly notable is the fact that the system did not experience early hour problems typical of such installations. This is due to the quality of construction and the factory validation testing completed before the system was installed at the hospital. The CHP system generates heat as a byproduct of the generation process, which is captured by a Cention absorption chiller providing chilled water to the facility. The thermal output also provides for building heating, domestic hot water heating and/or boiler feed water heat/reheat.

The CHP application is controlled and monitored around the clock by ELITE's GenView™ Control System. GenView™ allows system administrators to remotely operate their CHP application from any computer. It tracks and logs system performance and notifies medical center staff and service personnel of pending maintenance intervals.

The addition of a CHP system is part of John Muir's ongoing commitment to sustainable and environmentally-friendly building practices. Combined heat and power is highly efficient, reduces carbon emissions and saves on energy costs.

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About Elite Energy Systems, LLC

Elite Energy Systems, LLC (ELITE) provides combined heat and power (CHP) solutions to commercial and industrial energy users looking to save on energy costs and reduce their emissions and carbon footprint. ELITE's modules are custom-built to meet specific energy needs and designed to provide an expedited return on investment with long-term energy savings. All CHP modules are powered by Caterpillar® natural gas and diesel engines. ELITE also provides customized control systems and offers custom fabrication, manufacturing, and packaging options. For more information, call (775) 246-8111 or visit www.eliteenergysys.com.

About John Muir Health

John Muir Health includes two of the largest medical centers in Contra Costa County: John Muir Medical Center, Walnut Creek, a 330-bed acute care medical center that serves as Contra Costa County's only designated trauma center; and John Muir Medical Center, Concord, a 254-bed acute care medical center. Together, they are recognized as preeminent centers for neurosciences, orthopedics, cancer care, cardiovascular care and high-risk obstetrics.

John Muir Health also offers complete inpatient and outpatient behavioral health programs and services at its Behavioral Health Center, a fully accredited, 73-bed psychiatric hospital located in Concord.

Other areas of specialty include general surgery, robotic surgery, weight-loss surgery, rehabilitation and critical care. All hospitals are accredited by The Joint Commission, a national surveyor of quality patient care. In addition, John Muir Health provides a number of primary care and outpatient services throughout the community and urgent care centers in Brentwood, Concord, San Ramon and Walnut Creek.

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