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VYCON to Showcase Clean Energy Storage Systems at 2011 ASHE PDC Summit
Battery Free Flywheel Systems Provide Hospitals with Clean, Environmentally Friendly Backup Power

LOS ANGELES – March 8, 2011 — VYCON (www.vyconenergy.com), a designer and manufacturer of environmentally friendly, high-speed energy storage flywheel systems, announced its participation in PDC 2011, an international summit and exhibition on health facility planning, design and construction. Being held on March 13-16 in Tampa, FL, the annual event is sponsored by the American Society for Healthcare Engineering (ASHE) and the American Hospital Association.

Following the conference's theme of "Transforming the Health Care Built Environment for Performance Excellence," VYCON will discuss with attendees, in **booth number 808**, how its clean energy backup power systems protect hospitals' mission-critical data during power outages. For example, a major hospital recently awarded VYCON a 5.7 megawatt order to protect the hospital's critical loads including its catheterization (cath) laboratory, operating room, neuro/angio IR, imaging and IT/Data Center.

Deployed by hospitals around the globe, VYCON's flywheel systems are the perfect complement to uninterruptible power systems (UPSs), replacing space- and maintenance-intensive batteries. Facility managers will especially appreciate that over a 20-year lifespan, cost savings from VYCON's flywheel versus a five-minute valve-regulated lead-acid (VRLA) battery bank range between \$100,000 to \$200,000 per flywheel deployed.

"The changing economic structure affecting the healthcare industry today is driving important initiatives such as energy efficiency, sustainability and reliability," explained Dann McKeraghan, vice president of marketing for VYCON. "Our innovative clean energy storage systems provide healthcare facilities with a green and highly efficient energy solution that not only protects vital data, but also helps facilities decrease energy costs and reduce their carbon footprint. Moreover, [VYCON's VDC and VDC-XE flywheel](#) systems eliminate the need for costly cooling and maintenance and take up a fraction of the space compared to banks of backup batteries."

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According to the Electrical Power Research Institute (EPRI), power disturbances cost U.S. industry as much as \$188 billion annually in lost data, material and productivity. In order to minimize these losses, annual spending on backup power systems exceeds \$5 billion worldwide, according to industry analysts at the Darnell Group.

Awarded a "Most Sustainable Product" honor by Facility Care, VYCON is leading the market in providing unsurpassed power protection to critical operations around the world.

About VYCON

VYCON is an innovator in the design and manufacturing of technologically advanced flywheel energy storage systems that enable a highly reliable, cost-effective and "green" energy storage solution for a variety of applications. The company's REGEN flywheel systems, used in regenerative power applications such as container cargo handling crane applications and light electric rail, reduce power and energy costs to port and rail operators as well as provide a reduction in greenhouse gasses.

Key to VYCON's flywheel superiority and dependability is its ability to discharge and recharge very quickly when called upon during power outages. VYCON's fleet of VDC, VDC-XE and REGEN systems have logged a record million-plus discharge and recharge cycles –in very demanding applications that oftentimes call on the VYCON systems to discharge and recharge every two minutes. For more information on VYCON's innovative green power solutions, contact VYCON at 714-386-3800 or visit VYCON's web site at: www.vyconenergy.com.

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