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LEGACY CHILLER SYSTEMS INTRODUCES AURACOOOL RETROFIT ECONOMIZER SYSTEM FOR COMMERCIAL / INDUSTRIAL CHILLER MARKETS

DIAMOND SPRINGS, CA, JULY 26TH 2011 – Legacy Chiller Systems, Inc. announces pre-orders of its AuraCool Economizer Technology for process chillers to US and Canada markets. Riding on the success of our Integrated Chiller Economizer system introduced in 2007, AuraCool makes it possible to retrofit patented energy saving technology on any process chiller system says Martin King, Senior Fluid Systems Designer, Legacy Chiller Systems Inc.

Energy costs on the rise again: The new “Cross-State Air Pollution Rule” was recently activated by the EPA requiring U.S. power producers to reduce toxic emission in all the states east of the Rockies except the Dakotas, Delaware and the six New England. Power producers contend that new regulation of the industry without Government funding for research into new clean production technologies will lead to increases in power rates of up to 20 percent.

How chillers fit into the market: According to the U.S. Department of Energy (DOE), Heating Ventilation and Air Conditioning (HVAC) equipment accounts for up to 45 percent of a commercial/industrial building’s electrical consumption. Chillers, used for both HVAC and process cooling, have been the leading source of cooling for decades. In the process cooling market, chillers are used for many important consumer services such as MRI, CT and lasers.

Chiller manufacturers sitting on the sidelines: “Unlike residential cooling equipment that have greatly benefited from programs such as Energy Star, U.S. based chiller manufacturers have made limited advancements with respect to energy efficiency over the last decade. Compared to other manufacturing industries, such as automotive where billions are spent each year on R&D to improve fuel efficiency each year, investments in new higher efficiency chiller systems has been very limited” says King.

Changing market climate: A poll conducted in June of 2009 by the International Facility Management Association (IFMA) exposed some interesting information about changing mindsets with respect to energy efficiency in the commercial/industrial market:

- 71 percent of business leaders are paying more attention to energy efficiency than they were one year ago.
- 58 percent responded that energy management was extremely or very important.
- 45 percent chose energy efficiency in buildings as their top carbon reduction strategy.

“With renewed environmental awareness and tax incentives for businesses that are willing to make investments in energy efficiency, the market is now ready to get serious about return on investment in new, higher efficiency chiller equipment” according to King.

How does AuraCool fit?: Legacy’s AuraCool Economizer Technology uses outdoor air rather than running the traditional, high amp draw, mechanical cooling systems.

According to King, the concept of Economizers is really nothing new. “In simple terms, we took readily available equipment and dramatically enhanced efficiency performance using a patented sequence of operation that has been developed over years of case study

research and field deployments. In 2007, we introduced this technology on a limited number of our production chillers. With AuraCool, we can now make this technology available to a much broader market creating opportunities for businesses to reduce KWH as much as 60 percent. Legacy customers can now retrofit their existing chillers with energy saving technology with limited downtime” says King.

Getting more Information: Legacy Chiller Systems has a variety of resources available on the subject of process chillers and Economizers.

- **Webinars:** Starting on August 10th, 2011 Legacy Chillers will be holding a series of webinars covering how AuraCool Economizer Technology works.

To sign up, go to:> <http://legacychillers.com/training.asp>

- **Chiller TECHNET Article:** Legacy has recently published a TechNet article on AuraCool Economizer Technology.

To download a copy, go to:> <http://legacychillers.com/auracool.asp>

- **Audit Software:** Legacy Chiller Systems offers a FREE XL based chiller energy audit tool that performs quick calculations on energy usage as well as projections on potential savings using AuraCool Economizer technology.

To get a copy go to:> <http://legacychillers.com/audit.asp>

- **Case studies available on-line:** Legacy Chiller Systems offers public access to on-line Economizer case studies.

To view, go to:> <http://legacychillers.com/studies.asp>

For more information contact Legacy Chiller Systems, P.O. Box 1120, Diamond Springs, CA 95619, www.legacychillers.com or call 1-877-988-5464 ext 100.

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