



The HVAC&R Industry, ASHRAE's free weekly eNewsletter for HVAC&R professionals, provides relevant, timely information about industry and technology for people who create healthy, comfortable indoor environments.

Industry News

Coca-Cola To Buy Environment-Friendly Coolers

BEIJING—The Coca-Cola Co. pledged Tuesday to reduce its carbon footprint by buying 100,000 beverage coolers fitted with new, environment-friendly technologies. Speaking at a lecture in Beijing, chief executive officer E. Neville Isdell said the company would "purchase and deploy" by 2010 refrigerators and vending machines cooled by compressed carbon dioxide rather than HFCs. A recent internal audit of the company's carbon footprint found that the 10 million coolers and vending machines the company operates worldwide represented "our largest single impact on global warming," Isdell said.

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Energy Efficiency Can Improve State Economies, Says Report

WASHINGTON—Energy efficiency can contribute to the growth of state economies, and, by extension, to the United States as a whole, says a new report by the American Council for an Energy-Efficient Economy (ACEEE). The report, *Positive Returns: State Energy-Efficiency Analyses Can Inform U.S. Energy Policy Assessments*, concludes from a review of 48 state- and regional-level efficiency potential studies, performed over the last 15 years, that energy efficiency will result in a small but net positive benefit for the American economy as a result of policies that emphasize investment-led energy efficiency improvements.

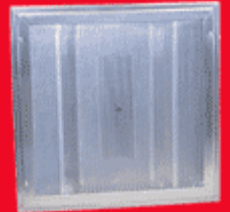
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San Francisco's Sustainable Building Codes Could Be Costly

SAN FRANCISCO—Environment-friendly building codes proposed by San Francisco could decrease the city's economic output by as much as \$700 million a year, a recent city report found. The city's Office of Economic Analysis concluded that the proposals would significantly reduce greenhouse gases over time. But it also found that the higher costs of constructing environmentally sustainable buildings would translate to higher housing prices and commercial rents, slow construction rates and possibly discourage businesses from locating and expanding in the city. The codes' estimated negative economic impact could range from \$30 million to \$700 million a year through 2027, according to the study.

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[Baseball Stadium Installs Permeable Pavement Parking Lot](#)

CHICAGO—U.S. Cellular Field, home to the Chicago White Sox of Major League Baseball, now has the largest permeable pavement parking lot in the United States. The lot spans 265,000 ft² (24 600 m²). The interlocking, notched pavement in parking lot L allows surface water to seep back into the earth after being filtered of pollutants. Permeable pavement also reduces the “urban heat island” effect of conventional dark pavement, where an area is significantly warmer than its surroundings, and is constructed with recycled materials. The project cost \$3.5 million, a \$400,000 cost savings compared with what it would have cost to install and maintain traditional asphalt paving.

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[Starwood Launches 'Green' Hotel Brand](#)

LEXINGTON, Mass.—Starwood Hotels and Resorts is launching a new hotel brand that will use sustainable features in each property. The first property in the "Element" brand is scheduled to open in July in Lexington, Mass., and 20 more hotels are scheduled to open in the next year. The hotels are built with technology that saves water and cuts electric use, including heat-reflecting roofing materials, energy-efficient appliances and large windows to allow natural light into common areas. Laundry bags will be reusable, hybrid cars will get preferred parking, and garbage cans in the rooms will make it easy for guests to recycle. Starwood has applied for certification under the U.S. Green Building Council's LEED® program.

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[SPX Cooling Technologies Announces Price Increase](#)

OVERLAND PARK, Kan.—SPX Cooling Technologies has announced a global price increase of 6% on all Marley and Recold products and options effective immediately. The company attributes the price increase to increases in the costs of various commodities.

Feature of the Week

[7 Upgrades to Reduce Building Electrical Demand](#)

By Kirby P. Nelson, P.E., Life Member ASHRAE

The article covers the benefits of replacing existing CFC chillers with more efficient chillers, improving the efficiency of auxiliaries (pumps and fans) through variable speed pumping and more efficient fan systems, and installing more efficient lighting systems. The author gives a theoretical example, wherein seven potential upgrades are evaluated resulting in more than a 50% reduction in the electrical demand of a 350,000 ft² (32 515 m²) building.

This article was originally published in December 2006. [Click here](#) to download the article. It will be available here through June 19.

After June 19, access to the article from this eNewsletter will no longer be available. It will remain available for free download by Members [here](#) and for purchase by nonmembers in the [ashrae.org bookstore](#).

Product News

[Energy Management Thermostat From Telkonet](#)

GERMANTOWN, Md.—Telkonet offers the SS5000 Energy Management Thermostat. It uses a wireless radio link or hard-wired connection to communicate with the company's occupancy sensors and adjusts the settings as needed to improve occupant comfort and to save energy. It continuously calculates how far each room's temperature can drift from the occupancy setpoint to maximize energy savings and still return within the preset recovery time.

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[Programmable Globe Valve Actuators From TAC](#)

LOVES PARK, Ill.—TAC Field Devices introduces the TAC Forta™ line of globe valve actuators, designed to work with two- and three-way globe valves for chilled water, hot water, and steam HVAC applications. They feature 'One Touch' programming capability, which enables users to quickly set up the actuator to handle various standard analog and floating control input signals with a single switch.

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[Radiant Zoning System From Uponor](#)

APPLE VALLEY, Minn.—The new Climate Cōntrol™ Zoning System from Uponor uses wireless technology to provide radiant control in multiple rooms of a building. Each base unit can accommodate up to 12 thermostats and control up to 14 thermal actuators. Additional base units can be linked for larger installations.

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