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Green Building Update

an Allen Matkins
market intelligence
publication

Allen Matkins
attorneys at law

December 6, 2010

[Geothermal - back to the future](#)

Marblehead - Nov 23

Jeff Solomon heats, cools and provides hot water for his 5,000-sq. ft. Marblehead home for only \$200 per month using R-30 closed cell foam insulation and heat pumps that rely on the stable, even temperature of the earth. Heat-pump technology has been in use for over 50 years. The EPA found heat pumps may lower energy bills by 40%. EL Insights predicted that the "green building market" will grow from \$71.1 billion today to \$173 billion by 2015.

GREEN BUILDING FOCUS

[Top-10 Green Building Products](#)

Building Online - Nov 23

BuildingGreen, Inc. announced the 2010 Top-10 Green Building Products at Greenbuild in Chicago: (1) NyloDeck composite decking from Nyloboard, LLC; (2) Foamglas building insulation from Pittsburgh Corning; (3) Ornilux bird-safe glass from Arnold Glas; (4) FSC-certified office furniture from Knoll; (5) Bensonwood OBPlus Wall System; (6) Stealth toilet from Niagara Conservation Corp.; (7) Wilo variable-frequency-drive smart pumps; (8) Halton Heat Recovery Unit for commercial kitchen ventilation; (9) Xicato LED Spot Module; and (10) Electec halogen-free EZ-Wiring and EZ-Cabling systems.

[Team to study LCA's of green buildings](#)

Pittsburgh Post-Gazette - Nov 29

A team of engineers and architects, led by the University of Pittsburgh and a \$2 million grant from the National Science Foundation, will study the "life cycle assessment" or "LCA" (construction, operation, demolition and disposal) of green buildings.

[Chicago - first in LEED buildings](#)

The Huffington Post - Nov 22

Chicago, the city with the most LEED-certified buildings in the world, recently hosted Greenbuild 2010. Iconic LEED buildings in Chicago include (1) the largest commercial building in the world, the LEED-Silver Merchandise Mart and (2) the tallest building in North America, the recently energy-retrofitted Willis Tower (formerly the Sears Tower). The USGBC indicates that 7.9 million jobs will be created to meet the green-building agenda. Further, green buildings offer healthier, more productive work environments. Also, green buildings offer significant operating savings.

[More natural light and air for remodels](#)

PR USA - Nov 29

Clients are increasingly interested in green upgrades focused on better indoor air quality and energy efficiency. VELUX America indicates that "kitchens and bathrooms, always high on homeowner remodeling lists, are logical candidates for natural lighting and passive ventilation upgrades."

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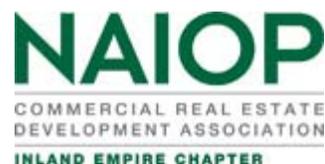
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GREEN BUILDING PROJECTS

[A super-green condo tower](#)

Earth Techling - Nov 29

A proposed condo tower in Oakland, California, will reduce, create and recycle energy. The "Alice St. Energy Harvester" building will (1) reduce energy with a high-performance curtain wall, high-efficiency lighting & HVAC systems, Energy Star-rated appliances and efficient water fixtures and (2) will create and recycle energy using 14,000 sq. ft. of photovoltaics, regenerative elevators, and cogeneration with an unnamed carbon-neutral fuel.

[SF's Energy Foundation earns LEED-CI Platinum](#)

California Construction - Nov 19

The Energy Foundation earned LEED-CI Platinum and the Outstanding Existing Building Project: Green Team of the Year award. Recycled and renewable materials were used throughout, as well as advanced energy efficient lighting, mechanical and HVAC systems.

[SunPower's HQ earns LEED Gold](#)

SunPower - Nov 15

SunPower's new headquarters on Rio Robles in San Jose, CA, will earn LEED Gold. San Jose is providing an economic incentive package of \$2.5 million for workforce assistance, sales & utility tax reimbursement, and permitting.

[eBay data center earns LEED Gold](#)

eBay - Nov 22

eBay's Topaz data center earned LEED Gold and features rainwater collection, use of (1) cool outside air to cool computer servers, (2) low VOC materials, (3) over 20% recycled and regional building materials, and (4) chemical free water treatment system.

[Willow Creek building earns LEED Silver](#)

San Diego Source - Nov 19

The Willow Creek, San Diego office building renovation earned LEED-CS Silver and exceeds Title 24 Energy Standards by 26% with "high-performance technologies" that significantly reduced energy use, lowered water consumption, and enhanced indoor air quality.

[Bishops Building earns LEED Gold](#)

WIDN - Nov 23

Oklahoma's Bishops Building, a 110,000 sq. ft. medical office building and 500 car parking structure, earned LEED Gold and features automatic fresh air sensors, low VOC materials, natural light and views of nature.

