

[Please click here to subscribe.](#)



March 9, 2010

Welcome to the free newsletter from ColonialWebb's Green Energy Solutions - your source for relevant, timely industry and technology news for commercial building owners and managers wishing to lower operational costs while decreasing their carbon footprint.

## Commissioning HVAC Systems Can Reveal Ways to Save Energy and Money

Although the economy is beginning to take a turn for the better, facility budgets are still limited. To get the most out of a slim budget, building owners and managers should look to commission their building. Commissioning your building is like a doctor's check-up. A technician will investigate your building from basement to penthouse and look for places where your facility's equipment has "drifted" away from its optimal performance. By identifying and reconfiguring your equipment, you can save thousands of dollars a month.

[Read this article to learn more about building commissioning.](#)

## Ultra-Secretive Bloom Box Fuel Cell Technology Unveiled

Bloom Energy has unveiled new fuel cell technology that *60 Minutes* dubbed "a little power plant-in-a-box." Still years off from entering the mainstream market, current customers like eBay have already seen savings of \$100,000 in electricity costs after installing five boxes nine months ago. With such success stories and with fuel cell technology prices dropping, do not be surprised to see these earning widespread usage in the coming years.

[Read Fast Company's story on the Bloom Box here.](#)

## China to Open World's Largest Zero-Energy Building (ZEB) This Fall

The gold medal of architecture, creating a Zero-Energy Building is the Mount Everest of the design world. The US has eight such buildings, all very tiny. However, China will open its Pearl River Tower in Guangzhou, a 71-story building said to be the world's most efficient skyscraper. Chicago-based firm SOM designed the building with new technology such as solar panels, wind turbines, and walls that have an eight-inch air gap inside them that heats trapped air and raises it to heat exchangers for the building's AC system. With the latest ZEB milestone set to be reached, how long will it be before the market sees a greater shift toward zero-energy buildings?

[Read Fortune Magazine's take here.](#)



Green Energy Solutions

### Tip of the Week

When plugged into a wall, electronics that are turned off still use 10% of their power. Plug all your electronics into a power strip that is turned off to cut down on needless energy usage.

### Upcoming Events

LEED Core Concepts and Strategies Workshop - Ashland, VA, Mar 12.

Learn essential knowledge of sustainable building concepts that are fundamental to all LEED Rating Systems. Learn LEED strategies, synergies, and examples.

[For more information click here.](#)

Green Building Detour: The Impact of Executive Order 13514 on Your Building - Webinar, Mar 16.

Do you need to comply with Executive Order 13514 or are you simply looking to save money by going green? This webinar focuses on both!

[Click here to register.](#)

Lunch-and-Learn Webinar Series 2 "Green Building Operation and Maintenance" - Webinar, Mar 24 - Apr 28.

A series of 6, one-hour webinar programs presented by Facility Engineering Associates in Fairfax, Virginia from 12-1PM EST. Session #4: Materials & Resources on March 24 will discuss how to develop strategies for waste management and diversion, developing strategies for writing a sustainable purchasing policy, and many more.

[For more information click here.](#)

*This newsletter is produced by ColonialWebb. We are an energy solutions provider focusing on HVAC, electrical, water, building automation systems, and industrial refrigeration along the East Coast. For more information please click our logo.*



COLONIALWEBB



### Ray Battani

Director of Green Energy Solutions  
(540) 442-6175 x 6200  
Ray.Battani@ColonialWebb.com



[Click here to unsubscribe.](#)

Copyright (C) 2010 ColonialWebb All rights reserved.