



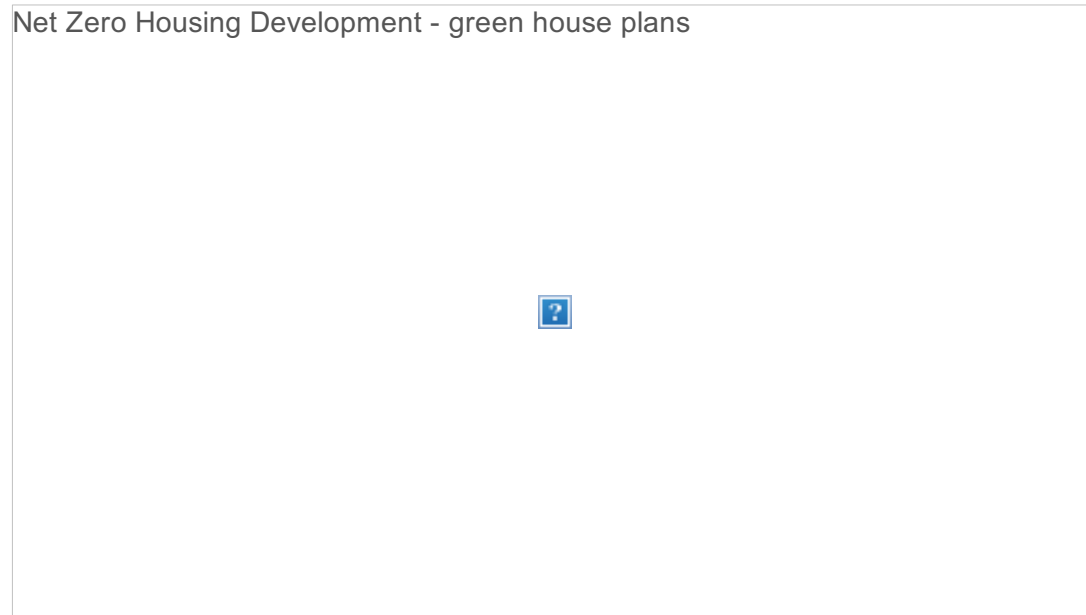
The Blog



GE and Planet Green Group Create Affordable Net Zero Housing Development

Posted on 03. Sep, 2012 by [Maryruth Belsey Priebe](#) in [Articles](#)

Net Zero Housing Development - green house plans



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The [Planet Green Group](#) in collaboration with GE's Homes [Inspired by](#)

[Ecomagination](#) campaign have just recently broke ground on a [net zero housing](#) development dubbed [Eco Village](#) in Dunedin, Florida. This net-zero energy townhouse community will not only be ultra-efficient, it's going to be affordable, too! These homes will be so affordable that they are anticipated to be the lowest cost net-zero homes in the country, but with a twist! Keep reading to find out who will get to take advantage of these amazing new green homes.

The Eco Village will be created with 25 LEED-certified residences that range in size from 1,000 to 1,500 square feet. The following are some of the green features that will be included in each townhouse (many of which come from GE's Ecomagination line of innovative products):

- LED lighting
- ENERGY STAR appliances
- A home energy management system
- Rooftop photovoltaic system by Algatic, as well as a solar hot water system
- Super insulated walls, floors, and attics
- Pex plumbing for hot water heat recovery
- Triple pane windows
- High performance heating, cooling and ventilation system
- Reflective roofing
- Dual flush toilets and low-flow faucets and showerheads
- Drip irrigation combined with native plants for low-water landscaping
- [Zero VOC](#) finishes and paints as well as toxic-free flooring
- Hurricane protection with high impact windows and the ability to withstand winds of 150 mph

Much like the Habitat for Humanity homes being constructed to [passive house standards](#) around the US, Eco Village homes will be priced for easy entry by new homeowners. These homes are expected to be priced at \$135,000 to \$175,000 each, but the buy-in will be as low as \$5,000 down with monthly payments as little as \$600. Further, since these are net-zero homes, the residents will pay close to nothing for their monthly utilities bills. And here's the best part – these homes will be made available to hometown heroes, including people like nurses, police officers,

firefighters, veterans, and teachers. What a great concept!

Net Zero Eco Village - green house plans



As Vladimir Tchentsov, Planet Green Group chairman [commented](#), “Energy efficient living is a necessity, not a luxury. These homes give people affordability and energy savings with a lot of sizzle. Imagine what this will mean for our families and communities.” We couldn’t agree more. As more and more affordable, high efficiency housing developments pop up across the continent, they’re sure to capture public attention and inspire people to grab hold of the vision – efficiency doesn’t have to cost a fortune. In fact, in the long run, [green house plans](#) centered on net zero or passive house standards are the economical choice.



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