

Palm Harbor Homes “GenX” Home

2007 International Home Builders’ Show

Orlando, FL

GenX Statistics

- 3,397 square feet

Energy Efficiency & Renewable Energy Features

- Low-E vinyl windows
- R-33 ceiling with radiant barrier roof decking
- 14 SEER/8.4 HSPF heat pump
- ENERGY STAR® Appliances
- Extensive use of compact fluorescent lighting
- 3.25 kWp BP Solar PV System with GridPoint Inverter & instant, “Clean” battery-backup power & energy management
- Solar domestic hot water system by SunBuilt
- Exceeds ENERGY STAR® Homes Standards with a Home Energy Index (HERS) = 71

Indoor Air Quality & Noise Reduction Features

- VOC source control including zero VOC paint
- Outside air ventilation with dehumidification
- Central vacuum system
- Duct system sealed with mastic and fiberglass mesh and performance tested
- Soundproofing

Other Green Building Features and Certifications

- Resource efficient modular construction and construction waste management
- Water efficient appliances and fixtures
- Universal Design for handicap accessibility
- Durable, low maintenance design
- *Certified Florida Green Home* by the Florida Green Building Coalition, Inc.
- Progress Energy Home Advantage Premium Energy Saver/Energy Star Qualified



Florida Solar Energy Center leads the Building America Industrialized Housing Partnership Consortium

A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

Research and Development of Buildings

Our nation's buildings consume more energy than any other sector of the U.S. economy, including transportation and industry. Fortunately, the opportunities to reduce building energy use—and the associated environmental impacts—are significant.

DOE's Building Technologies Program works to improve the energy efficiency of our nation's buildings through innovative new technologies and better building practices. The program focuses on two key areas:

• Emerging Technologies

Research and development of the next generation of energy-efficient components, materials, and equipment

• Technology Integration

Integration of new technologies with innovative building methods to optimize building performance and savings

For more information contact
EERE Information Center
1-877-EERE-INF (1-877-337-3463)
www.eere.energy.gov



U.S. Department of Energy
**Energy Efficiency
and Renewable Energy**

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Consortium for Advanced Residential Buildings (CARB)

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Industrialized Housing Partnership (IHP)

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Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable