

# Palm Harbor Homes “EchoBoomer” Town Homes

## 2007 International Home Builders’ Show

Orlando, FL

### EchoBoomer Statistics

- (3) Units
- 1 unit = 1,840 square feet
- 2 units = 1,360 square feet each

### Energy Efficiency Energy Features

- Low-E vinyl windows
- R-33 ceiling with Honeywell foam insulation
- 15 SEER/8.2 HSPF heat pump
- ENERGY STAR® Appliances
- Extensive use of compact fluorescent lighting
- Exceeds Energy Star Homes Standards with a Home Energy Index (HERS) = 76 , 80, 75\*
- \*HERS Index 76 for the large unit (left), 80 for the middle unit and 75 for the small unit (right)

### Indoor Air Quality & Noise Reduction Features

- VOC source control including zero VOC paint
- Outside air ventilation
- Duct system sealed with mastic and fiberglass mesh and performance tested
- Low-sone bathroom exhaust fan

### Other Green Building Features and Certifications

- Resource efficient modular construction and construction waste management
- Water efficient appliances and fixtures
- 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](http://www.eere.energy.gov)



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

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### IBACOS Consortium

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### Industrialized Housing Partnership (IHP)

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Produced for the U.S. Department of Energy (DOE) by Florida Solar Energy Center and the National Renewable Energy Laboratory. February 2007

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