



## Builders Challenge

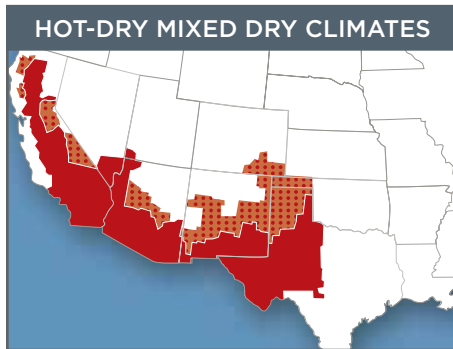
Recognizing Energy Leadership in Homebuilding

## High Performance Builder Spotlight

# Nationwide Homes

2010 International Builders' Show

Founded in 1959, Nationwide Homes has locations across the southeast in Martinsville, Virginia, Arabi, Georgia and a production facility located in Siler City, North Carolina. In total Nationwide operates five state-of-the-art production facilities that provide modular homes for independent, Authorized Builders.



### BUILDER PROFILE

**Builder:** Nationwide Homes

**Founded:** 1959

**Corporate Office:** Martinsville, VA

**Employees:** 285

**Square Footage:** 500 sq. ft and up

**Price Range:** \$45,000 and up



## Osprey Eco Cottage Statistics

**510 square feet, 1 bedroom, 1 bath**

### Energy-Efficient and High Performance Features

- ENERGY STAR®, Low E windows (U=0.29, SHGC=0.19)
- R=21 walls, R=19 floors, R=50 ceilings
- 15.5 SEER /8.5 HSPF variable frequency drive, duct less HVAC
- ENERGY STAR® appliances
- Tankless water heater
- Extensive use of controlled compact fluorescent & LED lighting
- Expected to meet Builders' Challenge Standards with an EnergySmart Home Scale™ (E-Scale) = 68

### Indoor Air Quality & Noise Reduction Features

- VOC source control including zero VOC paint
- Outside air ventilation
- Ductless HVAC system
- Air filtration and cleaning system
- Central vacuum system

### Other Green Building Features and Certifications

- Low flow faucets & showerheads with supply "runs" no more than 20 feet
- Termite & weather resistant siding
- Resource efficient modular construction & construction waste management
- Expected to meet Bronze level in all sections except lot design, preparation and development per the NAHB National Green Home Building program
- PV & Solar Hot Water "ready"
- "Growable" (modules can be added for growing family)
- Builder is Building America Partner and Builders Challenge Participant

## Showcasing High Performance Construction at International Builders' Show

Participating in the Show Village at the NAHB's International Builders' Show for the 6th year in a row, Nationwide Homes is a leading builder of high performance modular homes for single family or multi-family residences, commercial structures and remodeling additions; with a reputation for high quality, design flexibility, and innovative marketing.

Every home built by Nationwide Homes is NAHB Green and ENERGY STAR® "ready," which means if the site pre-requisites are met the home will qualify for NAHB's Green Standard/Guidelines. The NAHB Research Center is a Builders' Challenge Partner.

Based on this existing partnership, new single-family homes that are certified Silver, Gold, or Emerald to the Standard can be concurrently certified to the U.S. Department of Energy's (DOE's) Builders Challenge.



The Osprey Eco Cottage under construction

## Contact Information

### Building America Program

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George.James@ee.doe.gov

### Building America Industrialized Housing Partnership (BAIHP)

Subrato Chandra • Florida Solar Energy Center • 1679 Clearlake Road • Cocoa, FL 32922 • 321-638-1412 • fax: 321-638-1439 • e-mail: subrato@fsec.ucf.edu • www.baihp.org • IHP provided technical and on-site support

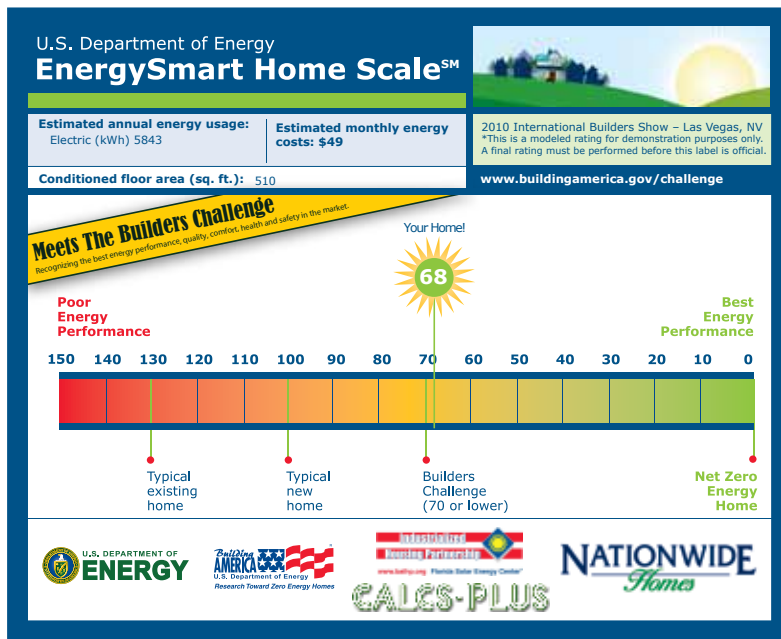
### Nationwide Homes

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### Calcs-Plus

Dennis Stroer • 121 Triple Diamond Blvd #16 • North Venice, FL 34275 • 941-488-1700 • fax: 941-488-3834 • e-mail: dennis@calcs-plus.com • www.calcs-plus.com/

## U.S. Department of Energy Builders Challenge



To learn more about the Builders Challenge and find tools to help market your homes, visit [www.buildingamerica.gov/challenge](http://www.buildingamerica.gov/challenge).

U.S. DEPARTMENT OF  
**ENERGY**

Energy Efficiency &  
Renewable Energy

EERE Information Center  
1-877-EERE-INF (1-877-337-3463)  
[www.eere.energy.gov/informationcenter](http://www.eere.energy.gov/informationcenter)

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For information on **Building America** visit [www.buildingamerica.gov](http://www.buildingamerica.gov). The website contains expanded case studies, technical reports, and best practices guides.