

# DOE Zero Energy Ready Home

U.S. DEPARTMENT OF  
**ENERGY** | Energy Efficiency &  
Renewable Energy

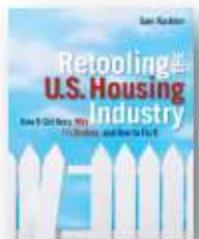


## How to Upserve Your High-Performance Builders

**Sam Bowles**  
*DOE Zero Energy Ready Home*

**Chrissi Antonopoulos**  
*PNNL*

## Five Key Consumer Experiences



## What builders expect from HERS raters

Building  
science  
experts

Advise, not  
just critique

Provide  
evidence

Credibility

## How raters can exceed expectations

Back your  
builder

Provide  
marketing  
assistance

Turn lower  
HERS into  
higher \$\$\$

Effectively  
communicate  
value

Insulation Institute: Guide to Understanding What Builders Want From HERS Raters, 2016

# The Informed Buyer



## The Informed Buyer

Informed Buyers...

...will know more about

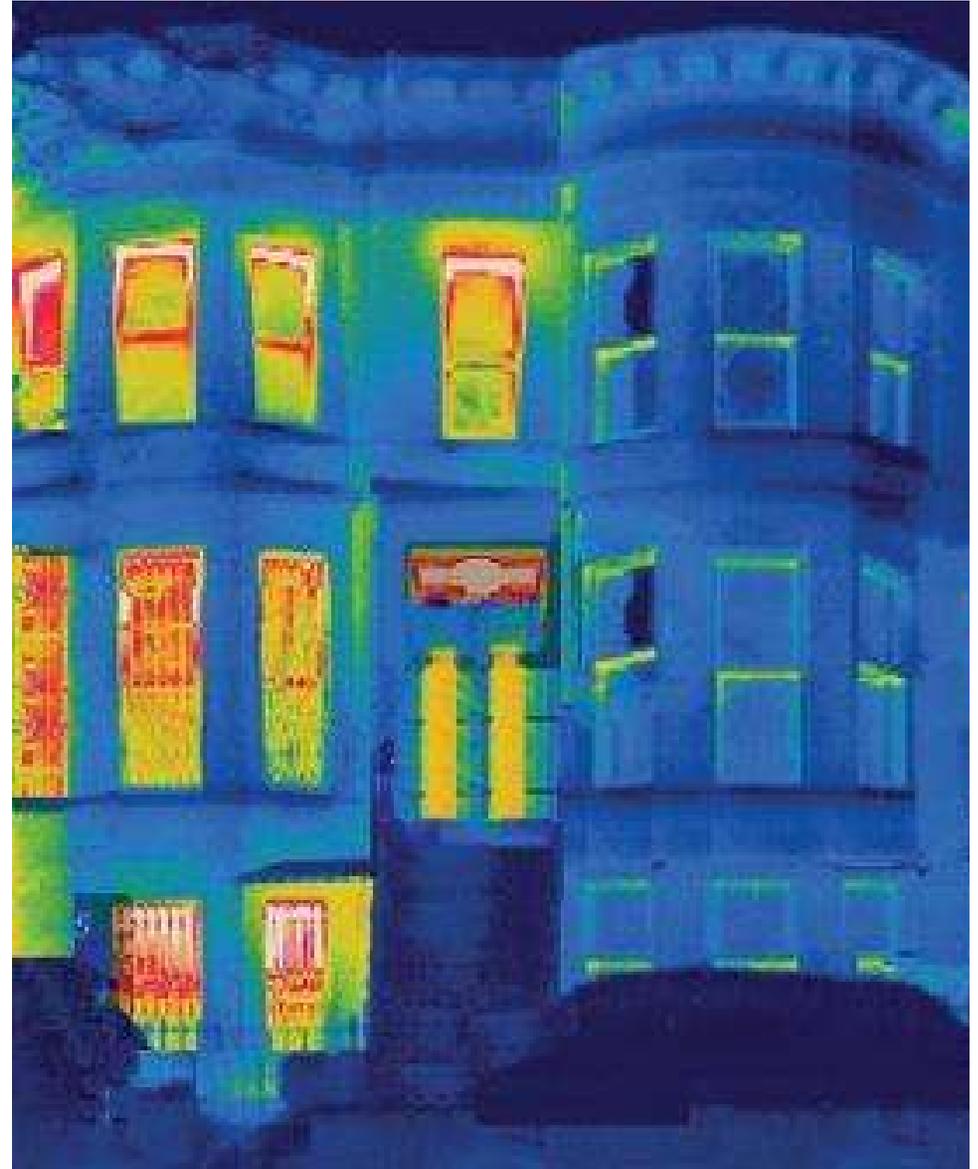
# Thermal Defects



Informed Buyers...

...will know more about

# Advanced Windows



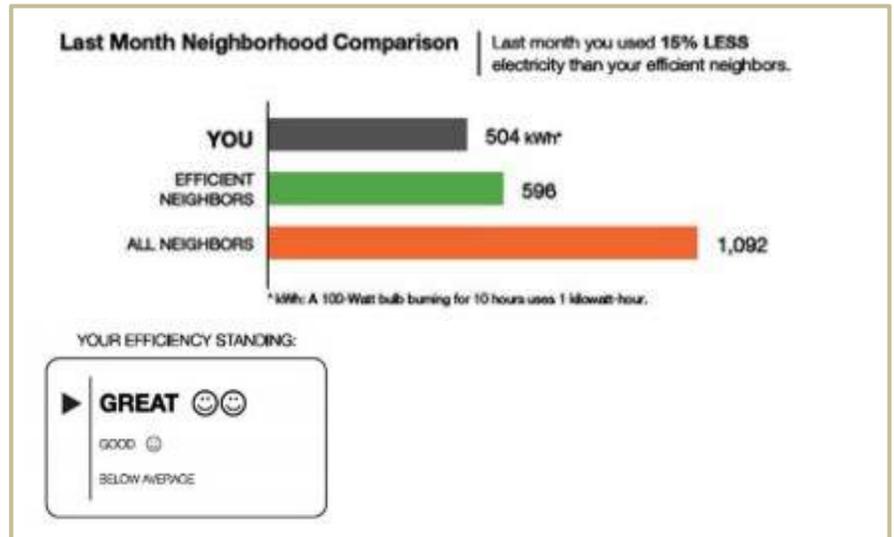
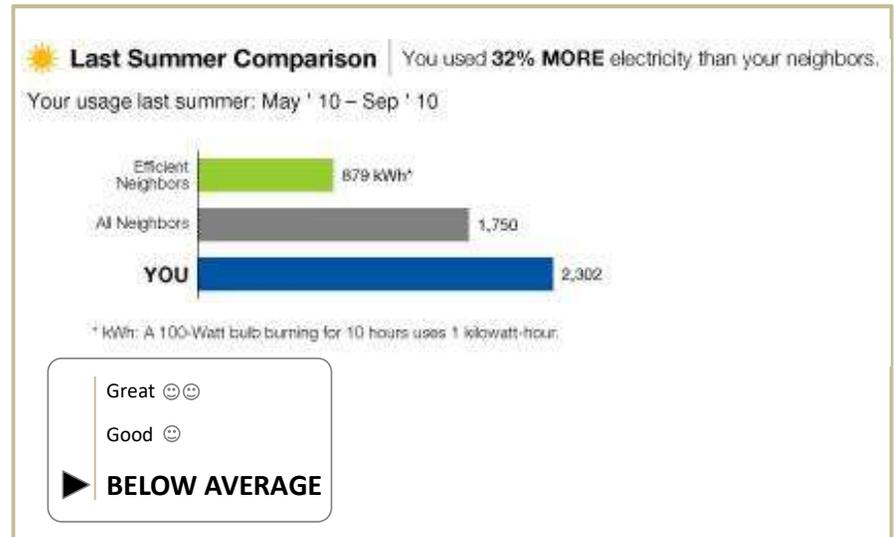
Informed Buyers...

...will know more about

# Moisture Risks



## ...will know more about **Energy Efficiency**



Informed Buyers...

...will know more about  
**Ensured  
Comfort**



...will know more about

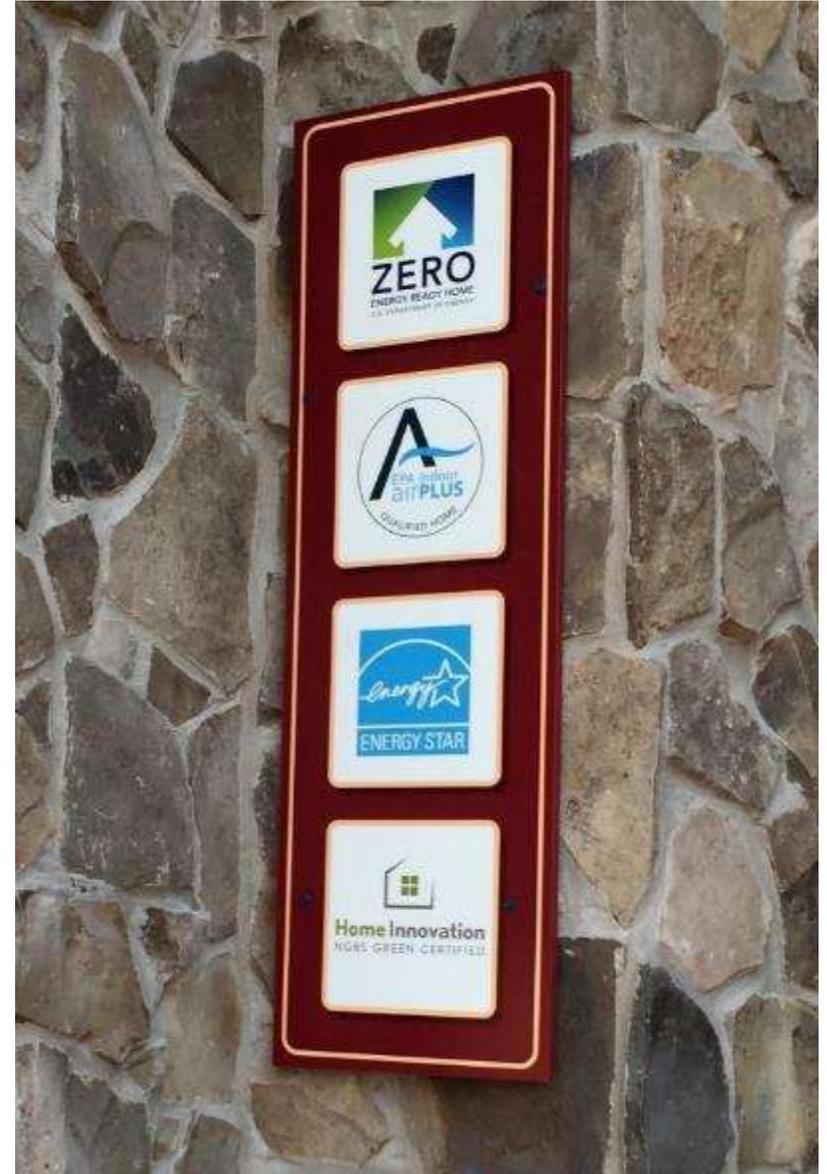
# Health Risks



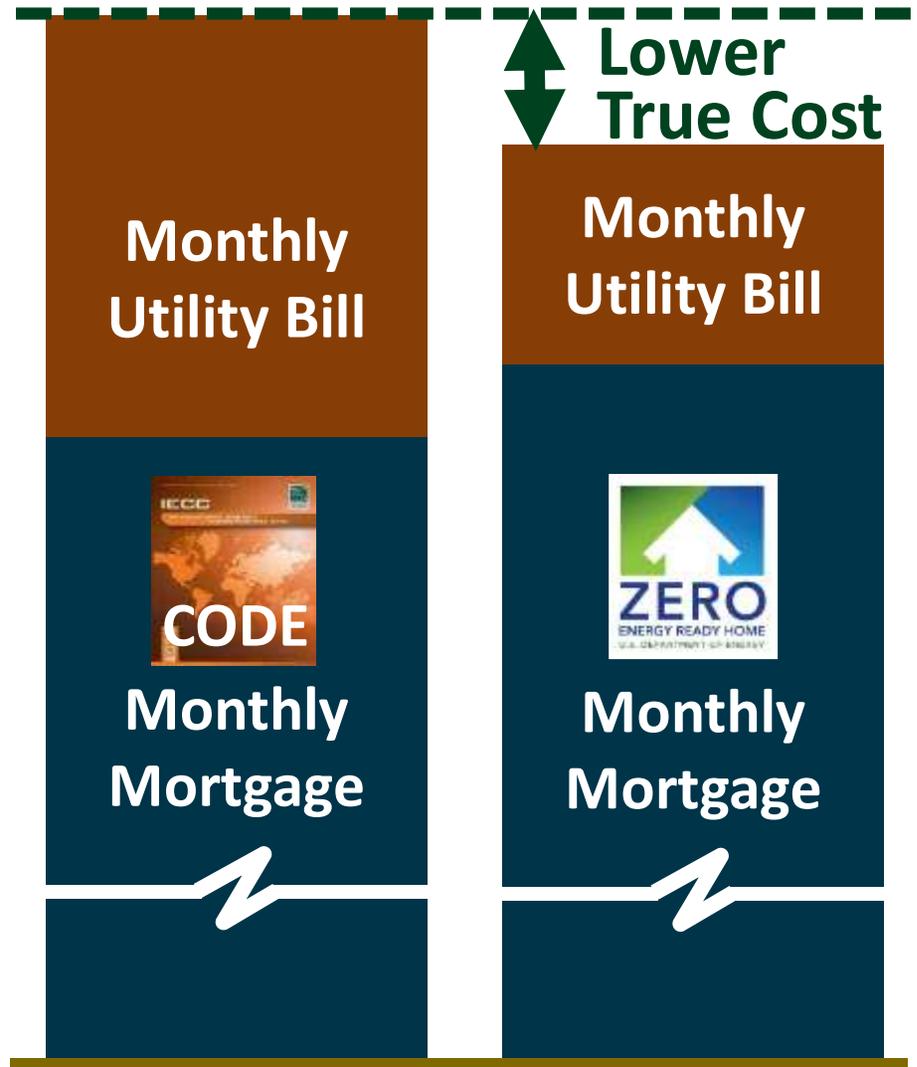
Informed Buyers...

...will know more about

# Trusted Performance



...will know more about  
**True Cost**



Informed Buyers...

...will know more about a  
**Better  
Home  
Experience**

Builders

FREE SHIPPING FAVES

Your Houzz

**Net Zero Homes LLC**  
Orange County's Leading Insulated Concrete Forms Installer  
With over 18 years of construction experience, quality construction at an affordable price is our priority. If...  
See my projects >  
(352) 571-1720

**Legacy Custom Built Homes**  
★★★★★ 1 Review  
We are passionate builders, of relationships, dreams and dream homes. Founded in 2006, Legacy Construction's...  
Read More >  
(407) 949-4995 Winter park, FL, 32789

**Forever Homes**  
★★★★★ 11 Reviews  
Volusia County's Premier Custom Home Builder.  
To insure that our clients are getting their "Forever" home, we work closely with them from the design stage all...  
See my projects >  
(386) 562-7157 8 projects in the Orlando area

**Christopher Burton Homes, Inc.**  
★★★★★ 15 Reviews  
Brevard County Homebuilder - 4X Best of Houzz Award Winner!  
Our motto, "Building homes for life & relationships for a lifetime," is more than a slogan to us. We work with...  
See my projects >  
(321) 369-9374 9 projects in the Orlando area

**Mark Gamble Homes & Renovations**  
★★★★★ 1 Review  
30 years of new home construction and renovations  
Read More >

**Forever Homes**  
★★★★★ 2 Reviews

# Zero Communication Challenge

## How do consumers decide?





- **Simple** Core Message
- **Showcase** Better Experience
- **Trust** with Voice of Authority
- **Clarity** with Contrast

# Simple Core Message

# Simple: Consumer Video

[Home](#) » [Residential Buildings](#) » [Zero Energy Ready Home](#) » [DOE Tour of Zero](#)

Are you ready for a home that lives, works, and lasts better? The home of the future - [a better home](#) - is available today. Take a virtual tour of homes that are so energy efficient a renewable energy system can offset all or most of their annual energy consumption. These award-winning homes are independently certified to meet DOE Zero Energy Ready Home [guidelines](#) and constructed by a select group of [top builders](#). Zero Energy Ready Home is part of the U.S. Department of Energy's Better Buildings initiative. Better Buildings aims to make commercial, industrial, public, and residential buildings 20 percent more energy efficient over the next decade.



Click on a climate zone to see homes in that region.

Search:

Showing 1 to 25 of 123 entries



[The Home of the Future Today Video](#) (next video)

**Simple Core Message**

Show  entries

# Simple: Better Home Experience



**Largest  
Purchase  
of a Lifetime**

# Simple: Better Home Experience

U.S. DEPARTMENT OF  
**ENERGY** | Energy Efficiency &  
Renewable Energy



Lives  
Better

# Simple: Better Home Experience



-  \$10,000's Savings
-  Cozy Indoors
-  Total Comfort
-  Healthy Living
-  Peace-of-Mind
-  Quality Assurance
-  Future Ready



**Live Better...  
Visit the  
Zero Energy  
Ready Home  
Website**

<https://energy.gov/eere/buildings/zero-energy-ready-home-homebuyers>

# Showcase Experiences

# Showcase: Housing Innovation Awards

U.S. DEPARTMENT OF  
**ENERGY** | Energy Efficiency &  
Renewable Energy

## Housing Innovation Awards Feeds 'Tour of Zero'





Homeowner Support

10X DOE HOUSING INNOVATION AWARD WINNER  
2018 ENERGY STAR PARTNER OF THE YEAR

**M**ANDALAY HOMES

COMMUNITIES

HOME FINDER

MOVE IN READY

ABOUT US

CONTACT US





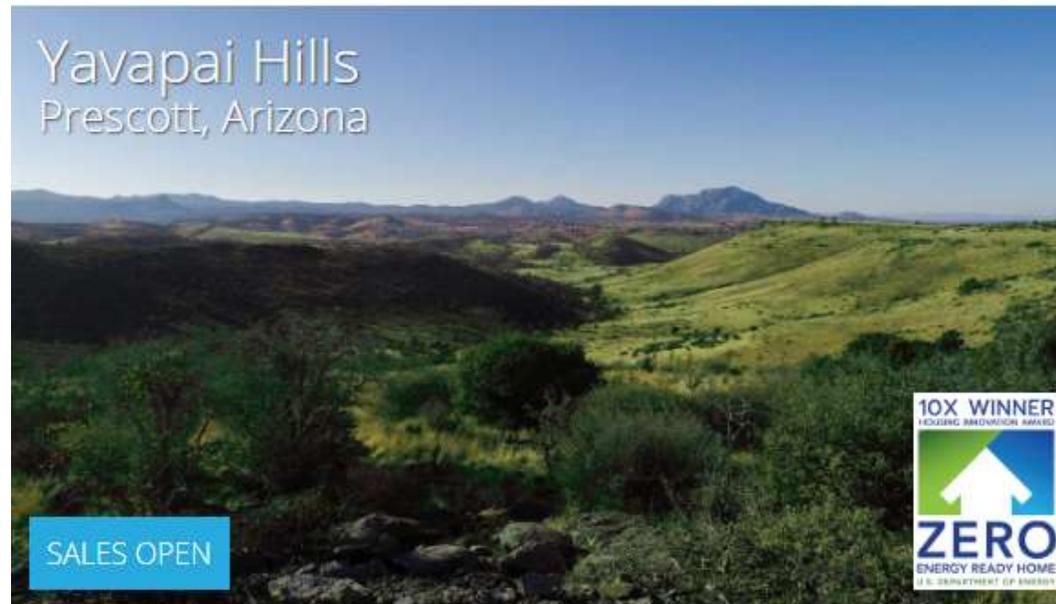
## Elements Income Qualified Rowhomes at Stapleton

*Starting at \$215,900*

2 - 3 Bedrooms | 2 Car Garage | 1.5 - 2.5 Bathrooms | 1,213 - 1,330 Square Feet

### Community Details

PLEASE NOTE: THESE ARE INCOME RESTRICTED ROWHOMES. Elements Rowhomes are subject to the Denver Inclusionary Housing guidelines which include a deed restriction. Purchasers must meet minimum income and cannot exceed the maximum allowable income for their household size. You must also demonstrate that your new housing payment (a combination of the mortgage, interest, taxes, insurance, and HOA dues) will not exceed 30% of your total household monthly gross income. The Elements Collection will offer high-quality affordable townhomes in Stapleton's Beeler Park and Northfield neighborhoods. Each home will have great proximity to shopping, dining and entertainment as well as access to incredible schools, pools and the other amenities that foster a strong community lifestyle for its residents. These homes will offer two and three-bedroom floorplans ranging between 1,213 and 1,330 square feet and have a starting price point of \$215,900. Each home will offer the comfort and energy efficiency that Thrive is known for, including their trademark double walls, solar panels and zero energy ready features.



# Case Studies



### PROJECT DATA

- **Layout:** 5 bdrm, 4 bath, 2 fl + bsmt, 3,120 ft<sup>2</sup>
- **Climate:** IECC 5A, cold
- **Completed:** February 2016
- **Category:** custom spec

### MODELED PERFORMANCE DATA

- **HERS Index:** without PV 38, with PV NA
- **Projected Annual Energy Costs:** without PV \$1,650, with PV \$NA
- **Projected Annual Energy Cost Savings:** (vs typical new homes) without PV \$1,150, with PV \$NA
- **Annual Energy Savings:** without PV 4,400 kWh, 960 therms; with PV NA

### CONTACT

Rick Thompson  
630-254-9745  
rick@mybrightleafhome.com

### KEY FEATURES

- **Walls:** Staggered 2x4s 12" cellulose, 1/2" coated OSB, 1" openings get flexible flashings
- **Roof:** 24" o.c. engineered joists, 24" overhangs, 30-lb felt, 1/2" OSB
- **Attic:** Vented; all top plates foamed, 16" R-60 blown cellulose, raised-heel trusses.
- **Foundation:** Basement; exterior 3" rigid XPS plus dimpled plastic drain mat, 2" XPS under slab, 10-mil vapor barrier.
- **Windows:** Vinyl-frame triple-pane, argon fill, low-e, U=0.22-0.18, SHGC=0.24.
- **Air Sealing:** 1.1 ACH 50.
- **Ventilation:** Air-cycler-controlled fresh air intake balanced to timed exhaust fans.
- **HVAC:** 96% AFUE gas furnace, 14 SEER AC. Ducts un-insulated, in conditioned space.
- **Hot Water:** Tankless gas, 0.97 EF.
- **Lighting:** 97% LED.
- **Appliances:** ENERGY STAR dishwasher, refrigerator, clothes washer, ceiling fans.
- **Solar:** None.
- **Water Conservation:** 100% WaterSense fixtures; compact plumbing layout.
- **Energy Management System:** None.
- **Other:** No-/low-VOC primer, paint, cabinets, flooring. Pre-wired for electric car charger. Weather-resistant fiber cement siding, structural roof truss connector screws, oversized foundation bolt washers. Graded for positive slope on all sides.





Recognition in the Field of Sustainable Building and Design



Genesee Park Net Zero | 2018 Builder's Choice & Custom Home Design Award

Dwell Development receives 2018 Builder's Choice & Custom Home Design Award. This year's design awards jury—Donald Lucco of Washington, D.C.-based Donald Lucco Architects, Meg Graham of superkül in Toronto, and Peter Rose of Boston-based Peter Rose + Partners—favored projects that express a return to simplicity. These homes, ranging from custom dwellings that respect the heritage of the landscape they occupy...

[Read more](#)



2018 U.S. Department of Energy Housing



Emerald Star | Zero Energy Ready Home from the International Living Institute

Dwell Development's Emerald Star residence certified under the Zero Energy Ready Home program in Seattle and the 10th residence in the world. The Zero Energy program is the world's most energy efficient building both commercial and residential programs most notable projects—the greatest commercial...

[Read more](#)



The Housing Innovation Award project from the U.S. Department of Energy Housing Innovation is a leading builder who brings their experience to Zero Energy Ready Home. The U.S. Department of Energy gave Dwell Development the Housing Innovation Award in the...

## ZERH Grand Award Winner 2018



# Showcase: Tour of Zero

[Home](#) » [Residential Buildings](#) » [Zero Energy Ready Home](#) » DOE Tour of Zero

Are you ready for a home that lives, works, and lasts better? The home of the future - [a better home](#) - is available today. Take a virtual tour of homes that are so energy efficient a renewable energy system can offset all or most of their annual energy consumption. These award-winning homes are independently certified to meet DOE Zero Energy Ready Home [guidelines](#) and constructed by a select group of [top builders](#). Zero Energy Ready Home is part of the U.S. Department of Energy's Better Buildings initiative. Better Buildings aims to make commercial, industrial, public, and residential buildings 20 percent more energy efficient over the next decade.



Click on a climate zone to view homes in that region.

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Showing 1 to 25 of 123 entries

Show 25

entries



[The Home of the Future Today Video \(Text Version\)](#)

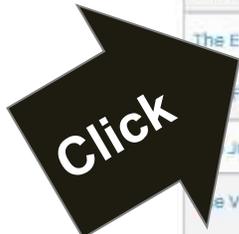
# Tour of Zero

Search:

Showing 1 to 13 of 13 entries (filtered from 123 total entries)

Show    
entries

TOUR THESE HOMES ▲	BUILDER ▲	LOCATION ◊	HIA WINNER ◊	CLIMATE ZONE ◊
<a href="#">Air Park Drive</a>	<a href="#">Addison Homes</a>	Greer, SC	2016 HM	MIXED-HUMID
<a href="#">Cobbler Lane</a>	<a href="#">Addison Homes</a>	Greer, SC	2015	MIXED-HUMID
<a href="#">Invision Zero Home</a>	<a href="#">Addison Homes</a>	Greer, SC	2016	MIXED-HUMID
<a href="#">The Emery</a>	<a href="#">Addison Homes</a>	Greer, SC	2016	MIXED-HUMID
<a href="#">Friendly Home</a>	<a href="#">Ferguson Design &amp; Construction Inc.</a>	Sagaponack, NY	2013	MIXED-HUMID
<a href="#">Julia Plan</a>	<a href="#">Habitat for Humanity of Catawba Valley</a>	Hickory, NC	2016	MIXED-HUMID
<a href="#">The Villas at Rocketts Landing</a>	<a href="#">Health E Community Enterprises of Virginia</a>	Williamsburg, VA	2016	MIXED-HUMID
<a href="#">Euclid Avenue</a>	<a href="#">Heirloom Design Build</a>	Atlanta, GA	2015	MIXED-HUMID
<a href="#">High-Performance Bungalow</a>	<a href="#">Imery &amp; Co.</a>	Athens, GA	2016	MIXED-HUMID
<a href="#">EXIT-0 House</a>	<a href="#">John Hubert Associates</a>	Wyncote, PA	2014	MIXED-HUMID
<a href="#">Charlottesville Infill</a>	<a href="#">Promethean Homes</a>	Steeles Tavern, VA	2014	MIXED-HUMID
<a href="#">First DOE Zero Energy Ready Manufactured Home</a>	<a href="#">Southern Energy Homes</a>	Russellville, AL	2014	MIXED-HUMID
<a href="#">Proud Green Home</a>	<a href="#">The Imery Group</a>	Athens, GA	2014	MIXED-HUMID



## DOE Tour of Zero: The Emery by Addison Homes

Home » DOE Tour of Zero: The Emery by Addison Homes



**"THE DOE ZERO ENERGY READY HOME PROGRAM HAS SET A STANDARD THAT IS TRULY 'BEST IN CLASS' AND IS PULLING OUR INDUSTRY TOWARD A QUALITY REVOLUTION."**

**Consumer  
Experience**

# Tour of Zero

**"THE DOE ZERO ENERGY READY HOME PROGRAM HAS SET A STANDARD THAT IS TRULY 'BEST IN CLASS' AND IS PULLING OUR INDUSTRY TOWARD A QUALITY REVOLUTION."**

## DOE Zero Energy Ready Home: Partner Profile

Addison Homes, LLC



Partner ID:  
 Organization Type:  
 Main Contact:  
 Address:  
 Primary Phone Number:  
 Certified DOE Zero Energy Ready Homes (2012 - Present):  
 Certified Builders Challenge Homes (2006 - 2012):  
 Website:  
 HIA Winner:

54B  
 Builder  
 Todd Usher  
 16 PARKWAY COMMONS WAY  
 CREEK, SC 29550  
 (804) 845-2667  
 5  
 2  
 www.addisonhomes.com  
 2015, 2016, 2015, 2015



- High-efficiency
- High-efficiency advanced lighting technology
- energy and water savings

[Read more.](#)



**Emergence**

**Key Stats**

**Contact Info**

**Innovations (Power Words)**

**4,551 ft<sup>2</sup>**  
 3 bedrm, 2 bath  
 1 floor  
 3A mixed-humid  
 custom for buyer

**HERS 21** This home's score w/PV  
 0 = a net zero energy home  
 100 = typical new code home  
 130 = average existing home

**Avg. Monthly Energy Bill:**  
**\$71**  
 Calculated vs. 2009 IECC home

**Annual Savings:**  
**\$2,412**  
 Calculated vs. 2009 IECC home

**30-yr Mortgage Savings:**  
**\$125,500+**  
 Calculated with fuel escalation rate per 2014 EIA Annual Energy Outlook

## DOE Zero Energy Ready Home Marketing Materials

[CERTIFICATION LOGO \(PDF, JPG, EPS\)](#)

[PARTNER LOGO \(PDF, JPG, EPS\)](#)

[LOGO USE GUIDELINES](#)

[POINT OF SALE FACT SHEET](#)

[CUSTOM POINT OF SALE FACT SHEET](#)

[BROCHURE](#)

[CUSTOM BROCHURE](#)

[DROP-IN MESSAGING](#)

[TAKE THE TOUR WEB BUTTON](#)

[TAKE THE TOUR WEB BUTTON \(SMALL SIZE\)](#)

[PARTNER-BRANDED WEB BUTTON - HORIZONTAL](#)

[PARTNER-BRANDED WEB BUTTON - VERTICAL](#)

[HOMEOWNER MANUAL](#)

Add this ZERH video to your website:



```
<iframe width="560" height="315"  
src="https://www.youtube.com/embed/sp6eJELZ  
ACI?rel=0" frameborder="0" allowfullscreen">  
</iframe>
```

[Download Video](#)

Right-click > Save Link As

# Trusted Voice of Authority

Nearly 1 in 3 consumers indicated they

**do not trust**

home building and real estate companies.

Source: The business of Trust – The Most Trusted Builders in America,  
Lifestory Research, January 2013

## *Brand yourself as a leader!*

### Where to use:

- Certified Homes
- Websites
- Social Media
- Signage
- Marketing Materials



# Certification & Partner Logo



# Certification & Partner Logo



# Tour of Zero Web Buttons



Insight Homes is partnering with the U.S. Department of Energy to bring homes of the future to families today.

Take the zero energy ready home tour.

[energy.gov/zero-energy-home-tour](http://energy.gov/zero-energy-home-tour)



Link to your homes on the Tour of Zero!



**ZERO**  
ENERGY READY HOME  
U.S. DEPARTMENT OF ENERGY

**TAKE THE TOUR**

## ***Trust Matters!*** ***Backed by DOE***

Where to use:

- Website
- Social Media
- Press Releases
- Promotional Materials
- All Communications



# Translating Value With Trust: ZERH Drop-in Messaging



## Drop-In Messaging

As a registered DOE Zero Energy Ready Home partner, enjoy access to the following pre-approved messages for insertion into your promotional materials. Simply insert your company name and use the message as it appears below.

- According to the U.S. Department of Energy, <Partner Name> is in a select group of top builders in the nation who have certified one or more homes that meet or exceed Zero Energy Ready Home guidelines for excellence in performance and energy efficiency.
  - As a committed DOE partner who provides certified Zero Energy Ready Homes, <Partner name> is in the top one percent of builders in the country meeting the extraordinary levels of excellence in energy and performance specified in the national program requirements.
  - As a Zero Energy Ready Home Partner, <Partner Name> offers high performance homes that are so energy efficient, all or most of their annual energy consumption can be offset with renewable energy.
  - <Partner name> builds homes certified to rigorous DOE Zero Energy Ready Home National Guidelines that are at least 40%-50% more energy efficient than a typical new home.
  - **Healthful environment:**  
According to the U.S. Department of Energy (DOE), every certified Zero Energy Ready Home has a comprehensive package of measures to help minimize dangerous pollutants, provide continuous fresh air, and effectively filter the air you breathe.
  - **Comfort Plus:**  
According to the U.S. Department of Energy (DOE), every certified Zero Energy Ready Home features high-efficiency insulation, windows, air sealing and space conditioning systems that help surround you with even temperatures, low-humidity, and quiet in every room on every floor.
  - **Advanced Technology:**  
According to the U.S. Department of Energy (DOE), every certified Zero Energy Ready Home features advanced technologies and practices recommended by leading housing experts from DOE's world-class research program, Building America.
- **Ultra efficient:**  
According to the U.S. Department of Energy (DOE), every certified Zero Energy Ready Home is so energy efficient a small solar electric system can easily offset most, or all, of its annual energy consumption. This is why it is called as Zero Energy Ready Home.
  - **Quality Built:**  
According to the U.S. Department of Energy (DOE), every certified Zero Energy Ready Home features high-efficiency appliances and equipment that are often associated with better quality construction. In addition, overall quality is enhanced with rigorous inspections, diagnostics, and checklists enforced by independent verifiers.
  - **Durability:**  
According to the U.S. Department of Energy (DOE), every certified Zero Energy Ready Home features advanced levels of energy savings, comfort, health, durability, quality and future performance that can be expected to stand the test of time and help enhance future value.
  - Samuel Rashkin, Chief Architect for DOE Building Technologies Office, said "Zero Energy Ready Homes like those constructed by <Partner Name> are the home of the future because they live, work, and last better with incredibly low or no energy costs. And what's exciting for American homebuyers, they are available today thanks to leading builders across the country."
  - "Housing Innovation Award winners such as <Partner Name who has won HIA> are leading a major housing industry transformation to zero energy ready homes. This level of performance is the home of the future because it improves the way Americans live by substantially reducing or eliminating utility bills, ensuring engineered comfort way beyond traditional homes, protecting health with a comprehensive package of indoor air quality measures, and helping maximize the largest investment of a lifetime," said Sam Rashkin, Chief Architect at the U.S. Department of Energy's Building Technologies Office.

# Drop In Messaging



[home](#) / [energy efficient living](#)

## Energy Efficient Living



*We are leaders in certified ENERGYSTAR and DOE Zero Energy Ready Custom Homes*

*"Zero Energy Ready homes are the future of US housing, and innovators like Mantell-Hecathorn Builders are leading the way for the entire industry. Zero Energy Ready homes provide a vastly superior homeowner experience at a lower ownership cost - and an experience that all Americans should want in their next home."*

- Sam Rashkin, Chief Architect for the US Department of Energy Building Technologies Office

"Zero Energy Ready homes are the future of US housing, and innovators like Mantell-Hecathorn Builders are leading the way for the entire industry. Zero Energy Ready homes provide a vastly superior homeowner experience at a lower ownership cost - and an experience that all Americans should want in their next home."

# Clarity with Contrast

## Promote the ZERH Advantage!

### Where to use:

- Promotional Events
- Home Tours
- Sales Materials



# Point of Sale Fact Sheet & Consumer Brochure

## Homes to the Power of ZERO



### What is the DOE Zero Energy Ready Home™ Label?

It is a Symbol of Excellence for energy savings, comfort, health, quality, and durability met by a select group of leading builders meeting U.S. Department of Energy Guidelines.

### What is a Zero Energy Ready Home?

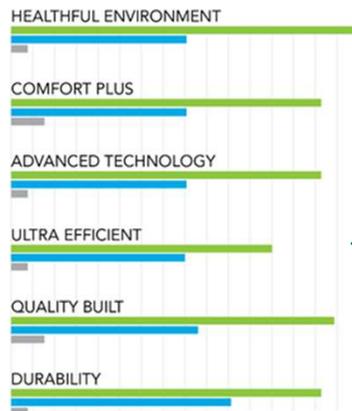
It is a high-performance home so energy efficient, all or most annual energy consumption can be offset with renewable energy. In other words, it is the Home of the Future.

### Addison Homes

DOE Zero Energy Ready Home Partner



### A Symbol of Excellence



KEY

- DOE Zero Energy Ready Home
- ENERGY STAR® Certified Home
- Existing Home

This graphic comparison chart demonstrates relative performance of this DOE Zero Energy Ready Home to existing homes (built between 1990 and 2010) and ENERGY STAR Certified Homes. Actual performance may vary.



(864) 848-2667  
www.addison-homes.com  
16 PARKWAY COMMONS WAY, SC 29650

## A Symbol of Excellence

### HEALTHFUL ENVIRONMENT



### COMFORT PLUS



### ADVANCED TECHNOLOGY



### ULTRA EFFICIENT



### QUALITY BUILT



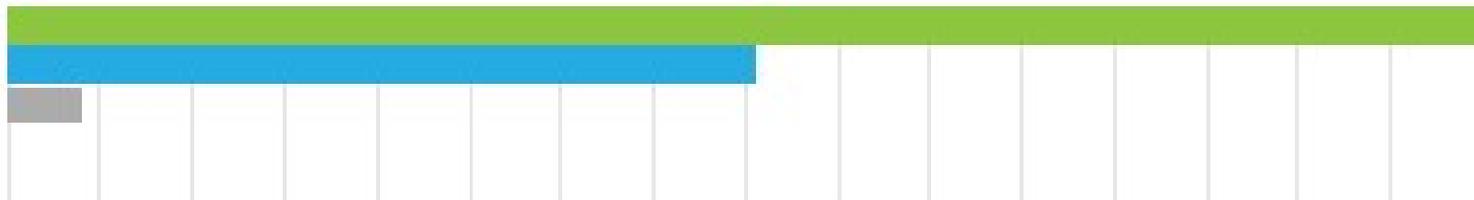
### DURABILITY



KEY

- DOE Zero Energy ReadyHome
- ENERGY STAR Certified Home
- Existing Home

## HEALTHFUL ENVIRONMENT



- KEY**
-  DOE Zero Energy Ready Home
  -  ENERGY STAR Home
  -  Existing Home

This label indicates relative performance of this DOE Zero Energy Ready Home to existing homes (built between 1990 and 2010) and ENERGY STAR qualified homes. Actual performance may vary.



# Point of Sale Fact Sheet & Consumer Brochure



## A comfortable and healthful home.

### HEALTHFUL ENVIRONMENT

Every DOE Zero Energy Ready Home has a comprehensive package of measures to minimize dangerous pollutants, provide continuous fresh air, and effectively filter the air you breathe.

### COMFORT PLUS

Superior insulation, windows, air sealing and space conditioning systems included in every DOE Zero Energy Ready Home surround you with even temperatures, low-humidity, and quiet in every room on every floor.

**KEY** ■ DOE Zero Energy Ready Home  
■ ENERGY STAR Certified Home  
■ Existing Home



## Ultra high tech and energy efficient.

### ADVANCED TECHNOLOGY

Every DOE Zero Energy Ready Home begins with solid building science specified by ENERGY STAR for Homes, and then adds advanced technologies and practices from DOE's world-class research program, Building America.

### ULTRA EFFICIENT

Compared to a typical home, an ultra efficient Zero Energy Ready Home is inexpensive to own. In fact, every DOE Zero Energy Ready Home is so energy efficient, a small solar electric system can easily offset most, or all, of your annual energy consumption. We call this Zero Net-Energy Ready.



## High quality construction—built to last.

### QUALITY BUILT

Advanced construction practices and technologies are specified for every DOE Zero Energy Ready Home. Then they are enforced by independent verifiers with detailed checklists and prescribed diagnostics.

### DURABILITY

The advanced levels of energy savings, comfort, health, durability, quality and future performance in every DOE Zero Energy Ready Home provide value that will stand the test of time, and will meet and exceed forthcoming code requirements.

## The Future of Housing—Today

Only a select group of the top builders in the country meet the extraordinary levels of excellence and quality specified by U.S. Department of Energy guidelines.



LEARN MORE AT:  
[buildings.energy.gov/zero](http://buildings.energy.gov/zero)



**Insight Homes**  
DOE Zero Energy Ready Home Partner  
(302) 956-9337  
<https://www.itsjustabetterhouse.com/>

LEARN MORE AT: [buildings.energy.gov/zero](http://buildings.energy.gov/zero)



## A Symbol of Excellence

### HEALTHFUL ENVIRONMENT

### COMFORT PLUS

### ADVANCED TECHNOLOGY

### ULTRA EFFICIENT

### QUALITY BUILT

### DURABILITY

**KEY** ■ DOE Zero Energy Ready Home  
■ ENERGY STAR Certified Home  
■ Existing Home

This label indicates relative performance of this DOE Zero Energy Ready Home to existing homes (built between 1990 and 2010) and ENERGY STAR Certified Homes. Actual performance may vary.



Front Cover

Inside Spread

Flap

Back

# Point of Sale Fact Sheet & Consumer Brochure

**thrive**  
HOME BUILDERS

## Why buy a ZERO Energy Ready Home?

### Lives Better.

**HEALTHFUL ENVIRONMENT**

Every DOE Zero Energy Ready Home has a comprehensive package of measures to minimize dangerous pollutants, provide continuous fresh air, and effectively filter the air you breathe.

**COMFORT PLUS**

Superior insulation, windows, air sealing and space conditioning systems included in every DOE Zero Energy Ready Home surround you with even temperatures, low-humidity, and quiet in every room on every floor.

■ DOE Zero Energy Ready Home ■ ENERGY STAR Certified Home ■ Existing Home

### Works Better.

**ADVANCED TECHNOLOGY**

Every DOE Zero Energy Ready Home begins with solid building science specified by ENERGY STAR for Homes, and then adds advanced technologies and practices from DOE's world-class research program, Building America.

**ULTRA EFFICIENT**

Compared to a typical home, an ultra efficient Zero Energy Ready Home is inexpensive to own. In fact, every DOE Zero Energy Ready Home is so energy efficient, a solar electric system can easily offset most, or all, of your annual energy consumption. We call this Zero Net-Energy Ready.

■ DOE Zero Energy Ready Home ■ ENERGY STAR Certified Home ■ Existing Home

### Lasts Better.

**QUALITY BUILT**

Advanced construction practices and technologies are specified for every DOE Zero Energy Ready Home. Then they are enforced by independent verifiers with detailed checklists and prescribed diagnostics.

**DURABILITY**

The advanced levels of energy savings, comfort, health, durability, quality and future performance in every DOE Zero Energy Ready Home provide value that will stand the test of time, and will meet and exceed forthcoming code requirements.

■ DOE Zero Energy Ready Home ■ ENERGY STAR Certified Home ■ Existing Home

# Individual Attribute Fact Sheets

**You Deserve a Healthy Home**

Every DOE Zero Energy Ready Home has a comprehensive package of measures to minimize dangerous pollutants, provide continuous fresh air, and effectively filter the air you breathe. Harlanductum nonesto velic te lit, sandus. Ximusam qui vel ide delesti nullipore por min repadam ius, verferum voluptatur, tet malo. Natus dolorem quidele ssimoluptam quodipendest a laige.

**Compare the Difference**

Attribute	DOE Zero Energy Ready Home	ENERGY STAR Certified Home	Existing Home
Energy Efficiency	High	Medium	Low
Indoor Air Quality	High	Medium	Low
Water Conservation	High	Medium	Low
Cost	High	Medium	Low

**KEY** ■ DOE Zero Energy Ready Home ■ ENERGY STAR Certified Home ■ Existing Home

**Testimonials:**

- "We have always suffered from allergies...no mold, no breathing problems, no fumes and no sticky eyes. We are definitely happy."  
-Zero Energy Ready Home Homeowner
- "Arsere ad quem rehert la m exp lat quis qui omni beut ur. In poria pro vlatiam, qu am Natus dolorem quidele moluptam."  
-Zero Energy Ready Home Homeowner
- "It sud e all eund Et in la et ore nre volupta autatit i velit. si vel ide delesti nullipore por min repadam ius, verferum voluptatur, tet malo. Natus dolorem quidele ssimoluptam quodipendest a laige. Officium quia ipis debilis m, natus dolorem, quia doluptus est por nris repadam ius, verferum voluptatur, tet malo."
- Zero Energy Ready Home Homeowner

**Where does Lorem Ipsum Dolor?**  
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**When can Ipsum Dolor?**  
Dio et modit doluptatem etur sequas m, id et, e malispe voluptatem. Ductend estur matius alicp is nris prat pils ant ipsam que expe volupta. Ductend estur ut eatus nris prat pils ant ipsam que expe volupta. Officium quia ipis debilis m, natus dolorem, quia doluptus est por nris repadam ius, verferum voluptatur, tet malo.

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U.S. DEPARTMENT OF **ENERGY**  
LEARN MORE AT: [buildings.energy.gov/zero](http://buildings.energy.gov/zero)

Powerful Testimonials

Clarity with Contrast

Communicating Value

Custom Branding

# Social Media

**TC Legend Homes** added 4 new photos. August 5, 2015 · 🌐

Check out our Montlake Modern House, featured on the US Department of Energy's "Tour of Zero" <http://energy.gov/.../doe-tour-zero-montlake-modern-tc-legend...>



**3,192 HERS -1** This home score w/ PV \$

4 bedrm, 3.5 2 floors marine clim \$700,000 w/c

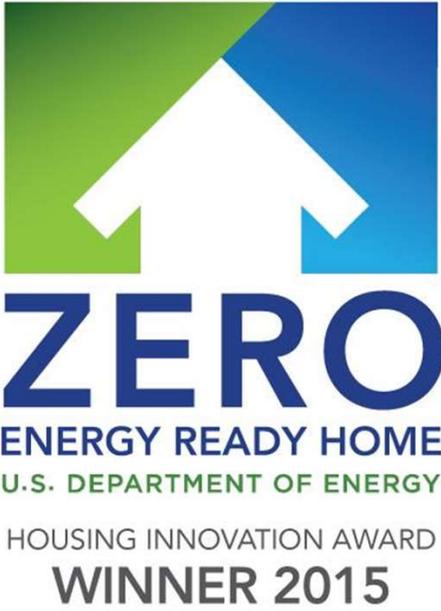
0 = a net zero energy home  
100 = typical new code home  
130 = average existing home

26 sq ft  
925 sq ft  
all w/ PV  
edit:  
ation  
ok

Like Comment Share

**Dwell Development** @dwelldbseattle · Oct 18

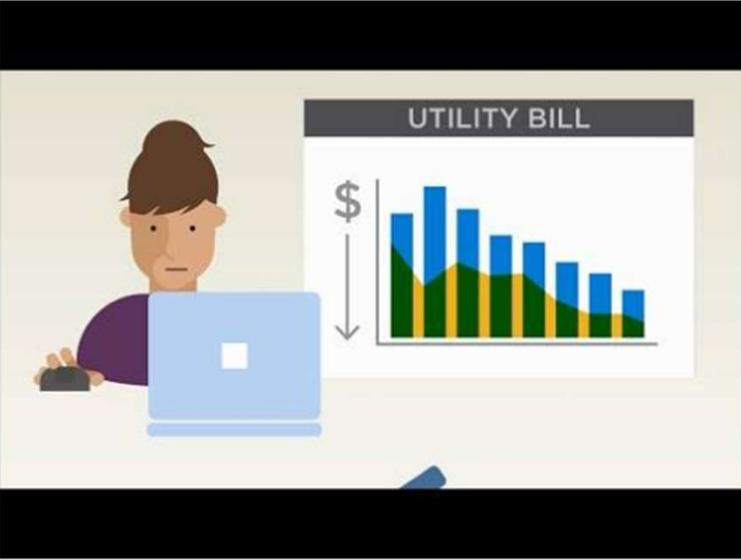
Read our DOE case study on the Reclaimed Modern! [bit.ly/1X9qI5U](http://bit.ly/1X9qI5U) #2015HIA



**ZERO**  
ENERGY READY HOME  
U.S. DEPARTMENT OF ENERGY  
HOUSING INNOVATION AWARD  
WINNER 2015

**Bosch Heating and Cooling** Like Page November 18 at 11:05am · 🌐

Have you ever wondered what a [Zero Energy Ready Home](#) look likes on the inside? Watch now with our partner, the U.S. Department of Energy, in their "Tour of Zero": <http://bit.ly/2fLcKLX>



**UTILITY BILL**

\$

You and 72 others

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# Homeowner Manual

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## Your Zero Energy Ready Home Story



— BROUGHT TO YOU BY —

**Newport Ventures**

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