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U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy



Zero Energy Ready Home Briefing

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Zero Energy Ready Home (ZERH)

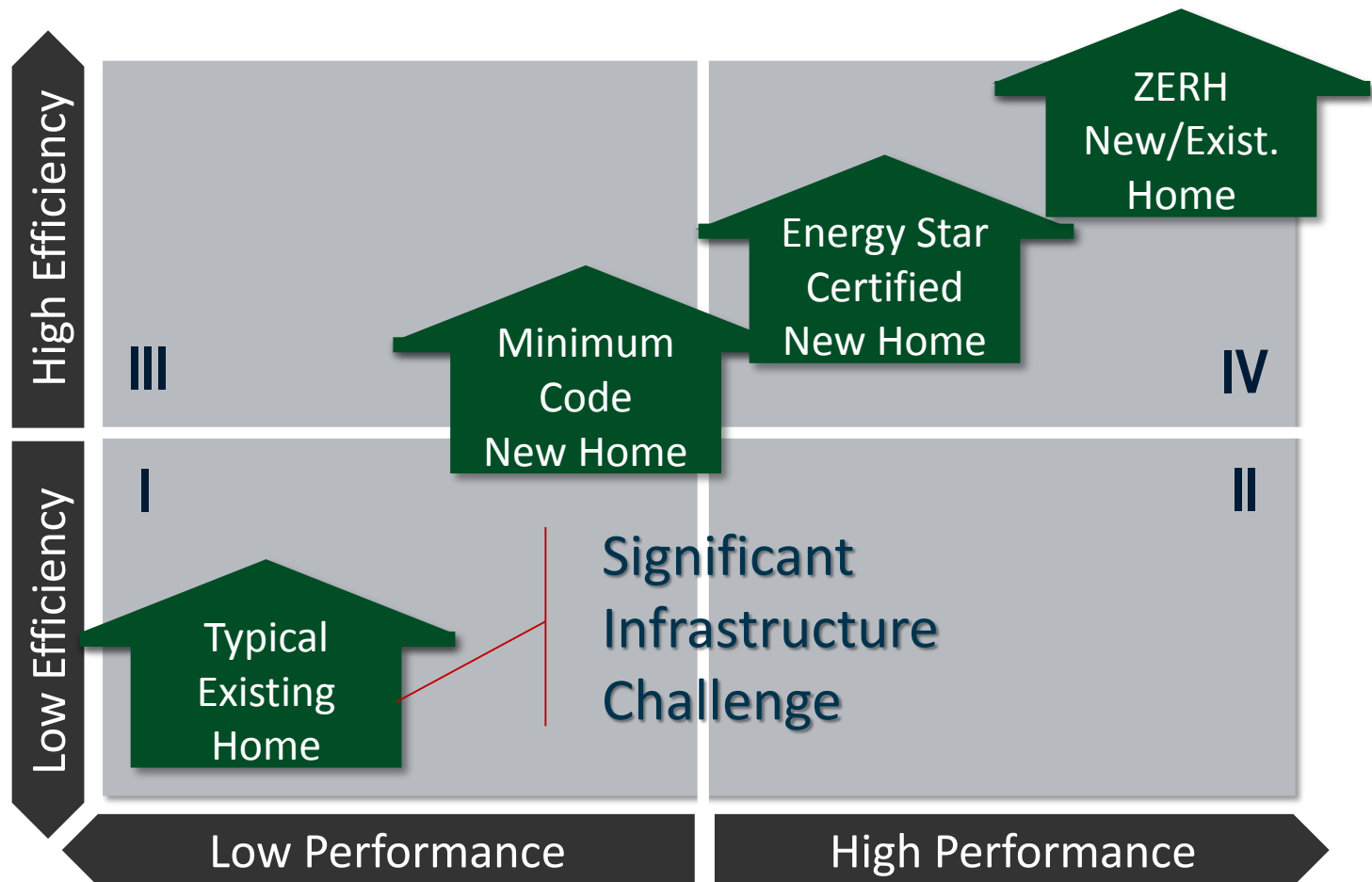
"The biggest reward with DOE ZERH construction is creating something... that will be there for a long time for the good." Dow Perry, DP Construction

Vision	Transform the new housing sector to zero energy ready performance by 2025
Goal	50,000 ZERH certified homes annually by 2025
Objective	Leverage DOE investment in housing innovation by ensuring a complete market transformation process

ZERH Related Programs

"The DOE ZERH program is the best solution for the type of housing we produce."

Rick Wertheim, United Way of Long Island



Zero Name

‘Net’

Out:

- Protect Valuable Real Estate
- Ensure Simplicity



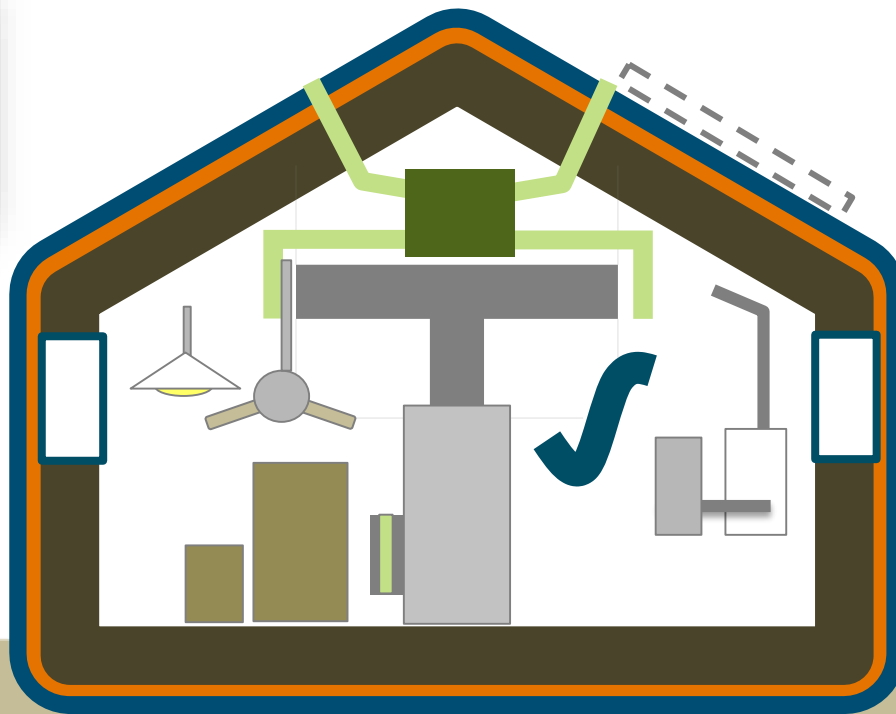
‘Ready’

In:

- Protect Core Customer Liability
- Inclusive vs. Exclusive

ZERH Performance Threshold

"The DOE Zero Energy Ready Home program has set a standard that is truly "best in class" and is pulling our industry towards a quality revolution." Todd Usher, Addison Homes



Optimized
Enclosure
System

Water
Protection
System

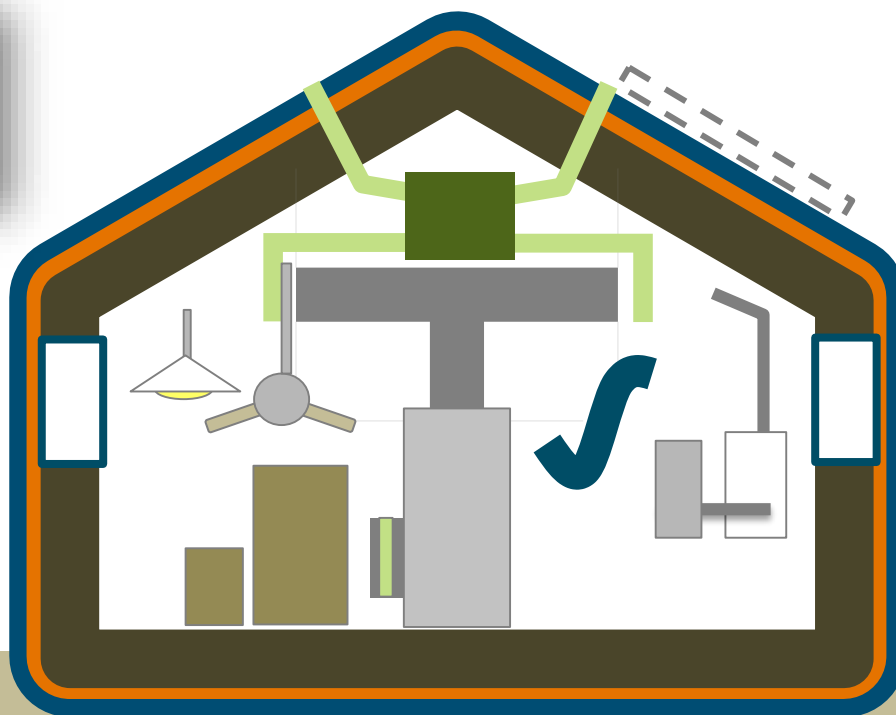
Optimized
Comfort
System

Complete
IAQ
System

Efficient
Comps
System

Solar
Ready
System

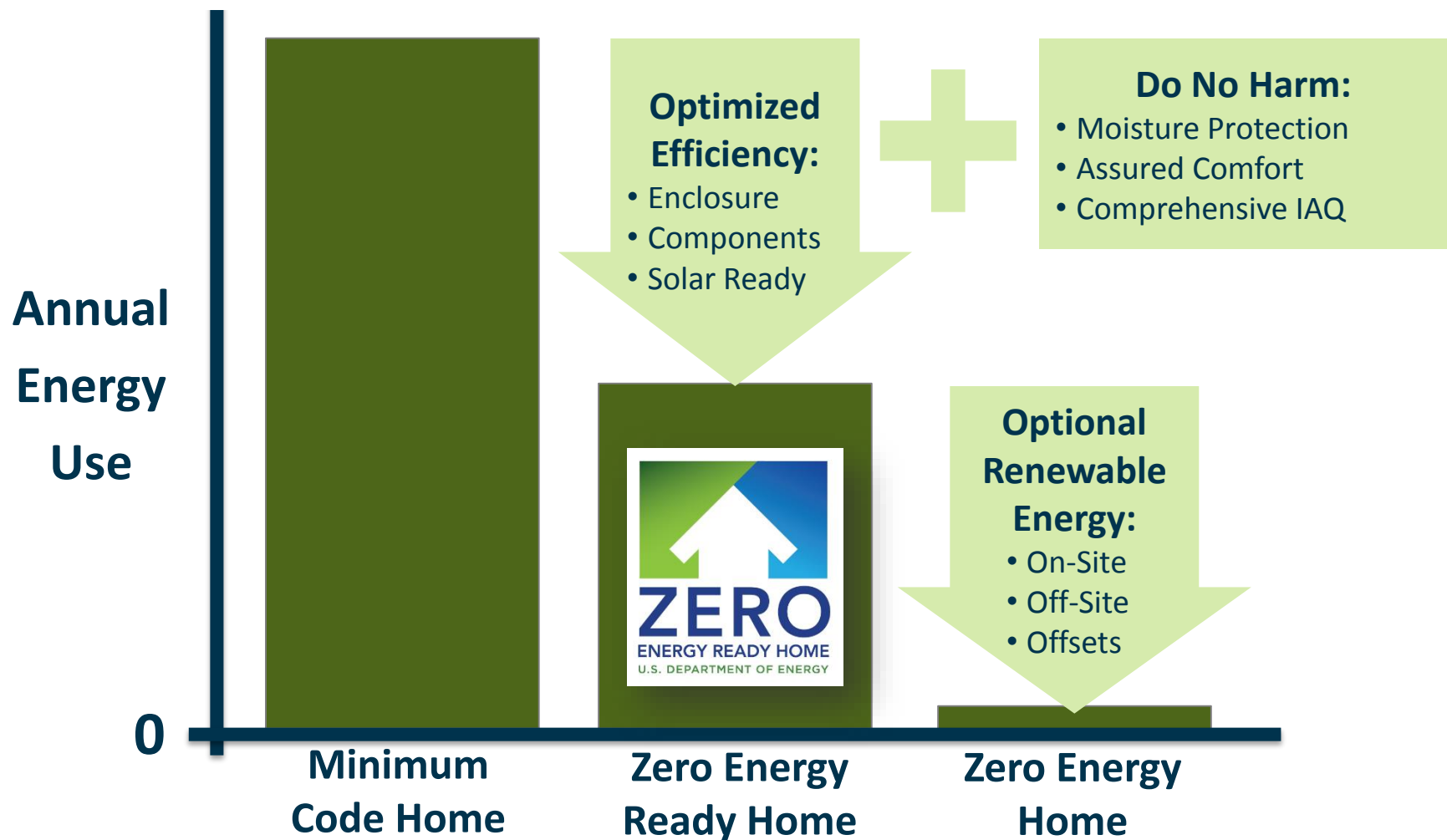
Zero Clear Definition



High-performance home, so energy efficient,
all or most annual energy consumption
can be offset by renewable energy.

Zero Clear Strategy

Efficiency and Performance First!



ZERH Accomplishments

“...this is the first home I've lived in that hasn't cost me an arm and a leg to heat during the winter... Our lives are healthier...” Homeowner, Amaris Homes, LLC

- Vetted Technical Requirements
- Strong Marketing Resources
- 50+ Trainings Seminars
- Foundation for Growth:

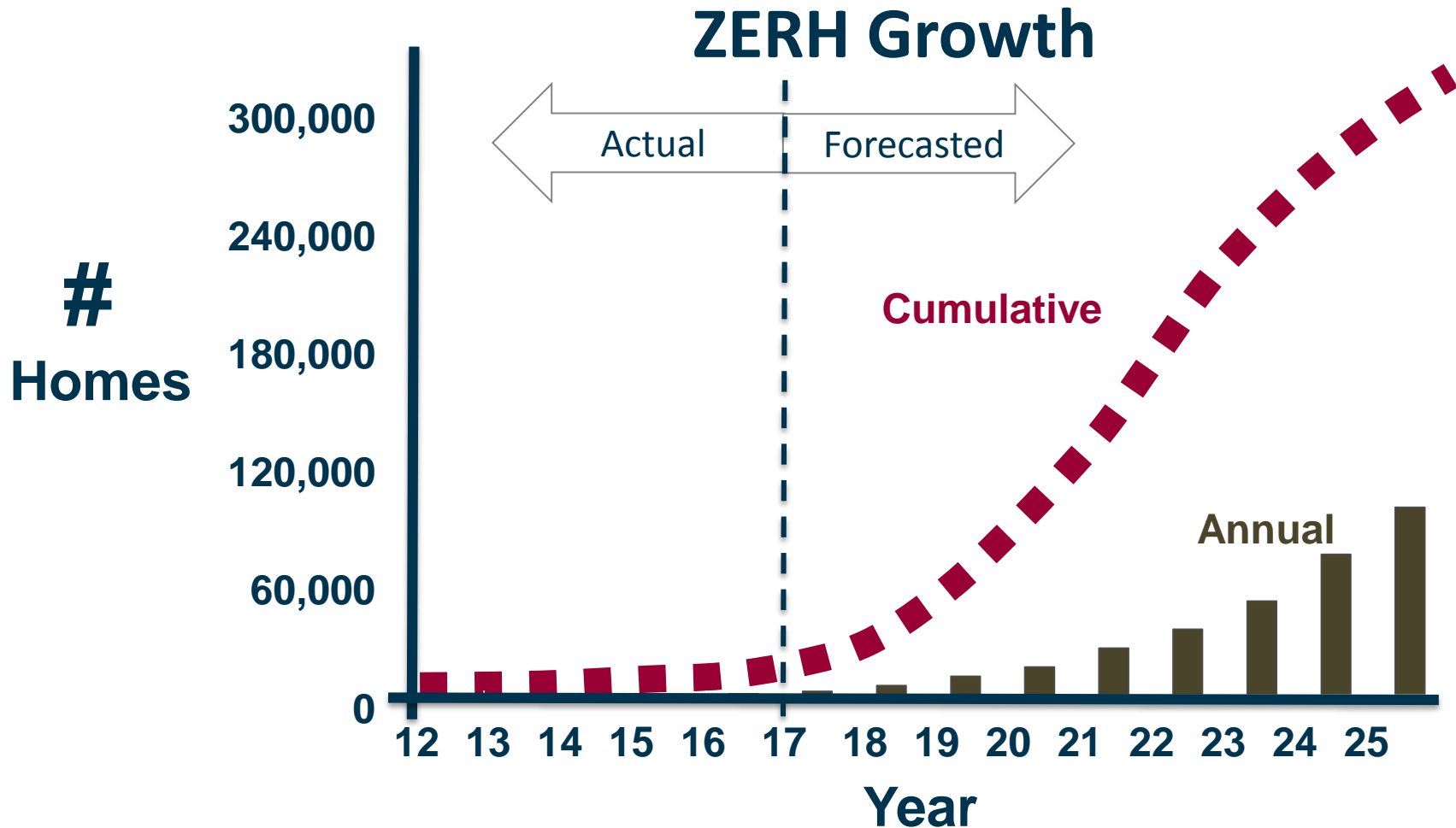
FY 2015 (Actual)	324
FY 2016 (Actual)	750
FY 2017 Projected	2,000
FY 2018 Projected	4,000
FY 2019 Projected	10,000
FY 2020 Projected	25,000



Pushing a
Very Heavy Zero
Up a Very Steep Hill

How ZERH Progress Measured

"...we have been blown away at how drastically different living in a high-performance home is compared to a code minimum house." Homeowner, Bundle Design Studio



Thank You

For More Information:

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