



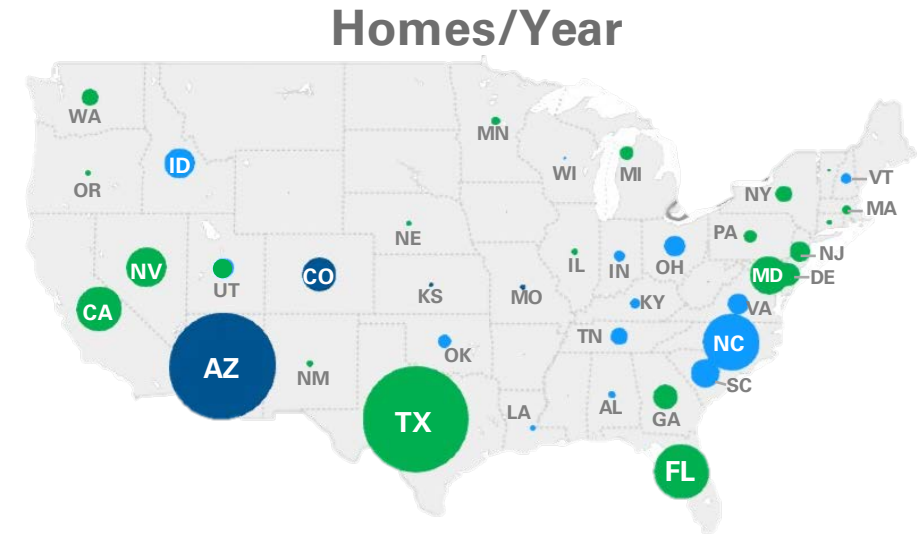
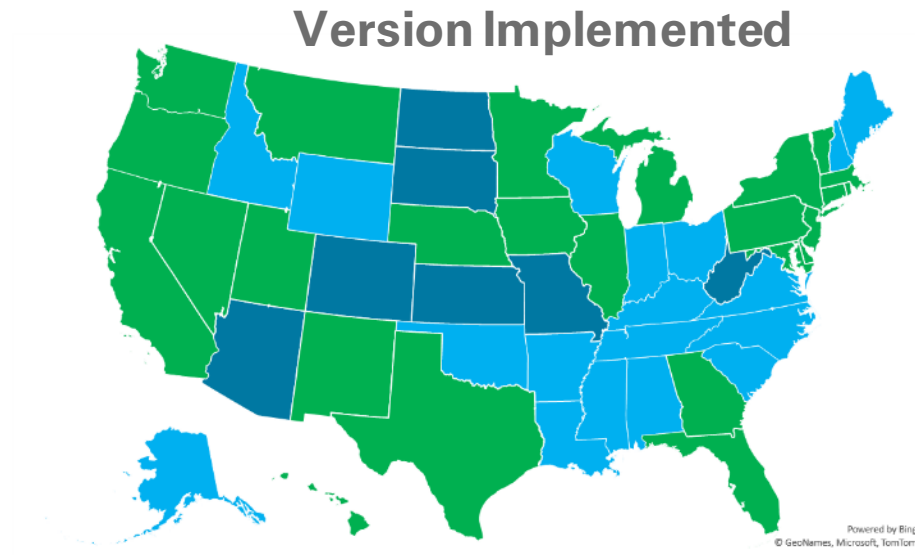
Raising the Bar:

Three Significant ENERGY STAR Residential New Construction Updates

Proposal 1: Sunset of v3.0

- Transitioning all states still using ENERGY STAR Single Family New Homes v3.0 to **Version 3.1**; with a transition date of **January 1, 2023** (based on permit date).
- This means that the National v3.0 program requirements would be sunset.
- States using ENERGY STAR Multifamily New Construction v1.0 would transition to v1.1 on a similar timeline.

Current State Adoption of Single-Family Versions



25 Version 3.1+ (national or regional), including 3 states with upcoming transition dates defined*

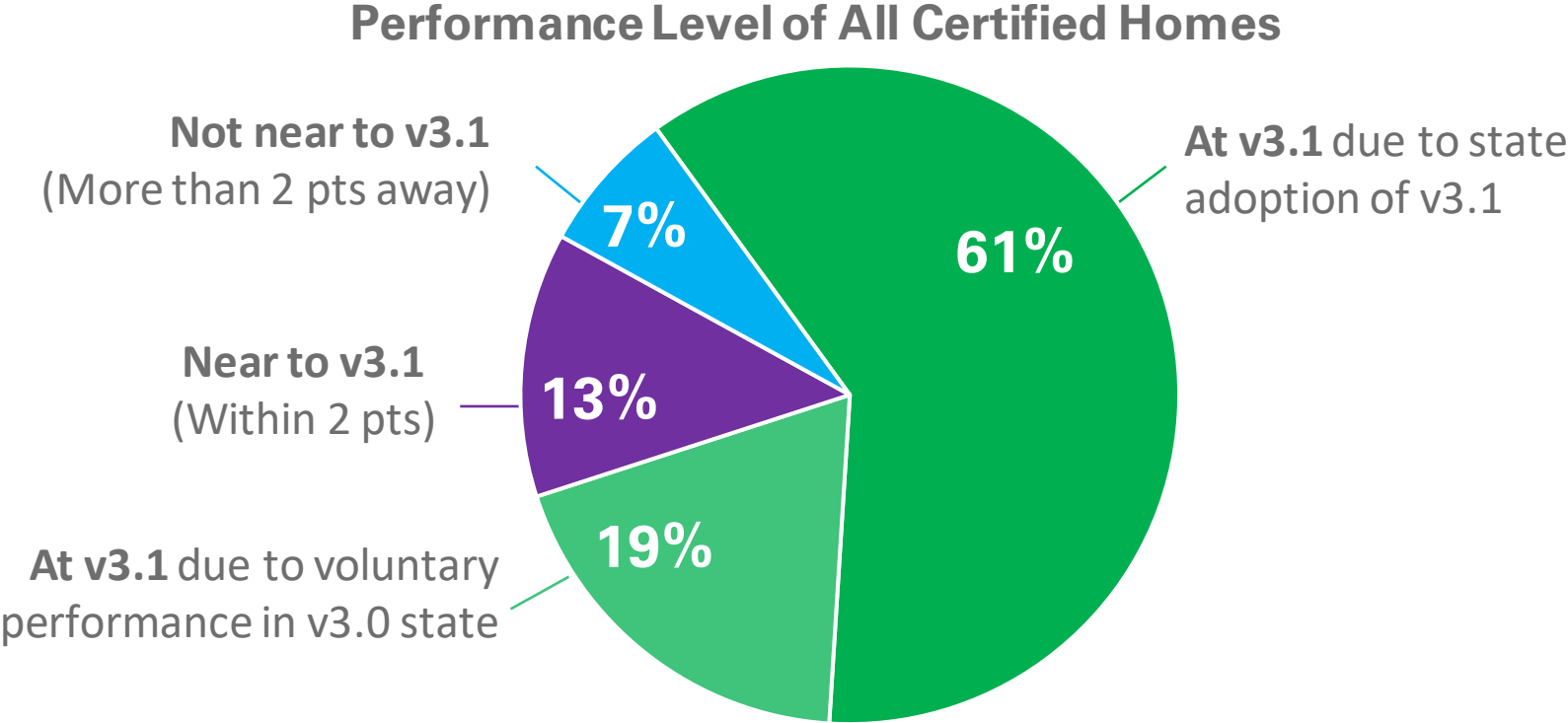
7 Version 3.0 due to home rule

18 Version 3.0 due to code \leq IECC 2009

*Includes GA, UT and NM, for which EPA has already announced a transition to Version 3.1 based on state code updates.

Rationale for Transitioning to v3.1

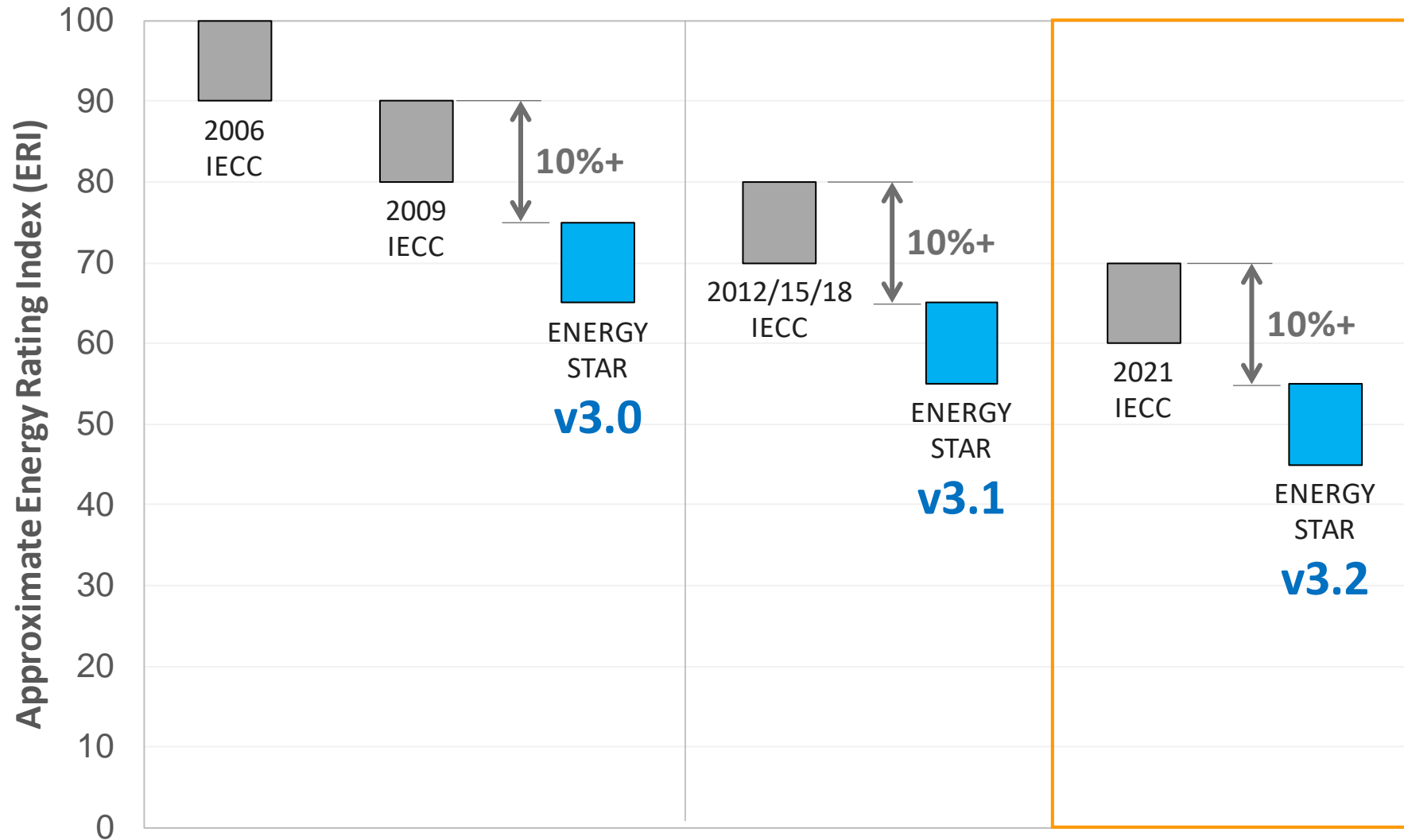
- **93%** of single-family homes certified as ENERGY STAR between 08/2019 and 08/2020 were already **at or near the v3.1 level**:





Proposal #2:
Definition of National v3.2 / v1.2

Modern code evolution

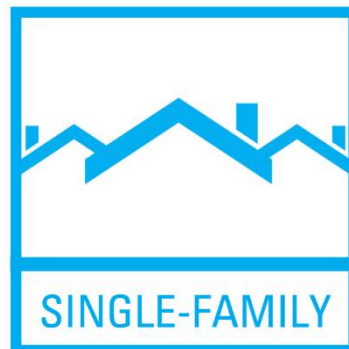


What are we proposing?

- A new version of the ENERGY STAR Single-Family New Homes program requirements: **National Version 3.2.**
- The only differences between National v3.1 and v3.2:
 - More stringent ERI target (~50-55)
 - New thermal backstop
 - V3.2 proposal:
 - 2021 IECC prescriptive levels or UA equivalent
 - v3.0 and v3.1 thermal backstop:
 - 2009 IECC prescriptive path or UA equivalent
- Only to be implemented in states that adopt the 2021 IECC or equivalent; implementation date one year after enforcement of new state code.



*A New Home Certification Program from EPA's ENERGY STAR
to recognize the next generation of homes and apartments*



New Certification Program: Name TBD

1. ENERGY STAR v3.2
2. Multi-stage ENERGY STAR certified connected heat pump
3. ENERGY STAR certified connected heat pump water heater
4. Induction cooktop and electric oven
5. Electric vehicle charging capability

ENERGYSTAR.gov/NewHomes

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