DOE’s Residential Programs: Road to Net Zero
BTP RESOURCE TOOL GOALS

• More Organized
• More User-Friendly
• More Effectively Linked to Industry
• More Accessible
• More Used
• More Recognition
• Increased Accountability
Select type of construction:
- New
- Retrofit

Select Climate:
- Cold/Very Cold
- Mixed-Dry
- Mixed-Humid
- Hot-Dry
- Hot-Humid
- Marine

Select individual measure of interest
Select specific application
SECTION 3: FULLY ALIGNED BARRIERS

At each location noted below, a complete air barrier shall be provided that is fully aligned with the insulation as follows:

- At interior surface of ceilings in all climate zones
- At exterior surface of walls in all climate zones; and, for Climate Zones 4-8 only, also at interior surface of walls
- At interior surface of floors in all climate zones, including supports to ensure permanent contact and blocking at exposed edges
Air Barriers

Garage Rim/Band Joist Adjoining Conditioned Space

Scope of Work

Architectural CAD Drawing

Description

‘Wrong’ and ‘Right’ Images

Case Studies

References
RIGHT PATH TO NET ZERO

Voluntary Checklists

- IBHS Fortified Home
- RERH Solar PV/Solar Thermal
- Advanced Design
- Occupant Behavior Package
- Renewable Power (Purchase or On-site)

ENERGY STAR for Homes Version 3

- Indoor airPlus
- Water Sense (Indoor Spec)
- Building America Technologies


BUILDERS CHALLENGE
Questions?

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