The Road Ahead

This section explains how the proposed guidelines fit into the broader direction where ENERGY STAR New Homes is heading.
Glut of homes for sale leading to builders competing on price. The new guidelines are an opportunity to rethink how homes are sold and make homes more profitable for builders.
Glut of homes for sale leading to builders competing on price. The new guidelines are an opportunity to rethink how homes are sold and make homes more profitable for builders.
Glut of homes for sale leading to builders competing on price. The new guidelines are an opportunity to rethink how homes are sold and make homes more profitable for builders.
“The automotive companies’ being in a crisis [means] now’s the time for a disruptive technology… The automotive industry has now moved beyond trying to protect old technology…”

Alex Molinaroli, President of Power Solutions at Johnson Controls
3 Bedroom 1,150 sq. ft.
Open layout
3 Bedroom 1,150 sq. ft.
Open layout
Generous Circulation
3 Bedroom 1,150 sq. ft.
Open layout
Generous Circulation
Built-in Furniture
3 Bedroom 1,150 sq. ft.
Open layout
Generous Circulation
Built-in Furniture
Varying Ceiling Height
3 Bedroom 1,150 sq. ft.
Open layout
Generous Circulation
Built-in Furniture
Varying Ceiling Height
Outdoor/Indoor Linkages
Improved house designs lead to improved efficiency and lower costs.
Improved house designs lead to improved efficiency and lower costs.
Improved house designs lead to improved efficiency and lower costs.
Proper house orientation lowers heating and cooling costs by 15-30%.
Net-Zero Ready Homes with:

Higher-performing homes will allow builders to significantly lower their construction costs and reduce calls backs.
Net-Zero Ready Homes with:

~30% - 50% Less

- Square Feet with 100% Function
- Framing
- Plumbing
- HVAC Equipment Size
- Cooling/Heating Loads
- Waste
- Construction Time

Higher-performing homes will allow builders to significantly lower their construction costs and reduce calls backs.
THE ROAD AHEAD: RETOOLING HOW WE BUILD HOMES

Net-Zero Ready Homes with:

- ~30% - 50% Less
  - Square Feet with 100% Function
  - Framing
  - Plumbing
  - HVAC Equipment Size
  - Cooling/Heating Loads
  - Waste
  - Construction Time

Higher-performing homes will allow builders to significantly lower their construction costs and reduce calls backs.

~70% Less Call-Backs
Diagram shows plans for the future of ENERGY STAR.
Diagram shows plans for the future of ENERGY STAR.
<table>
<thead>
<tr>
<th>Year</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- ES 2011 Vetting (Q1, 2011)
- ES 2011 Released (Q2, 2011)
- ES 2011 Enforced (Q3, 2011)
On the Web at:
http://www.energystar.gov/homes

Please visit the website to view the proposed guidelines and submit comments.