



# ENERGY STAR Criteria for Dishwashers

## Overview of ENERGY STAR Criteria Setting Process and History of Dishwasher Criteria

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# ENERGY STAR Fundamentals



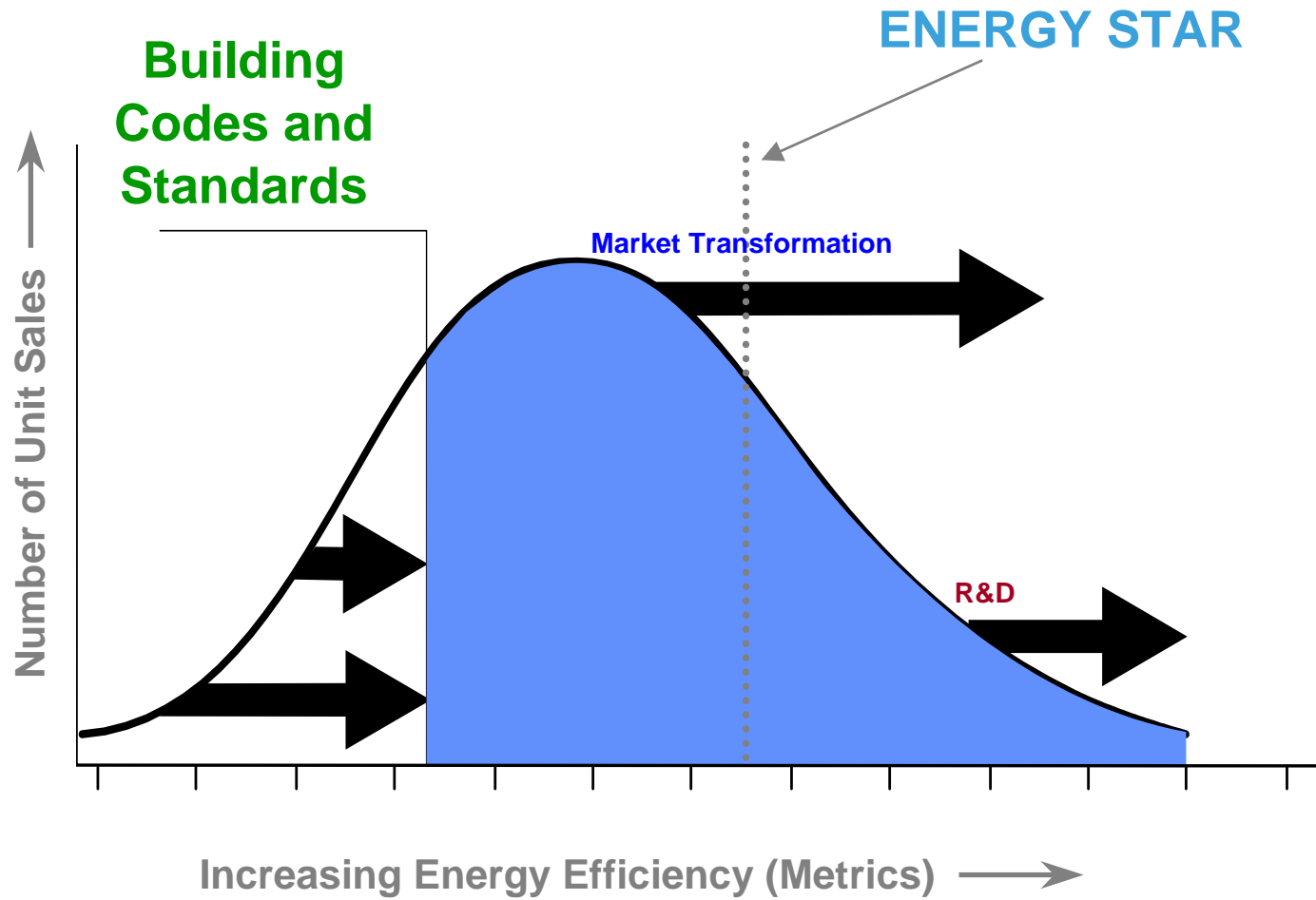
- Voluntary Program
- Reduces Energy Use
- Prevents Pollution
- Profitable for Partners

# Guiding Principles for ENERGY STAR Criteria



- Significant energy savings
- No impact on product performance
- ENERGY STAR qualified product is cost effective
- Several technology options can achieve criteria setting (one of which is non-proprietary)
- Energy consumption can be quantified
- Label differentiates products and is visible to purchasers

# Theory of Criteria Setting



# Criteria Revision Process



1. DOE maintains the ENERGY STAR Criteria and reserves the right to change the criteria at any time should technological and/or market changes affect its usefulness or effectiveness. Changes can be triggered by revisions to Federal standards or market saturation.
2. DOE will notify all ENERGY STAR partners and stakeholders by e-mail to announce the launch of a revision process, provide initial analysis or proposal of those requirements are targeted for potential revision, and call for comments.
3. DOE will hold a stakeholder meeting.

# Criteria Revision Process



4. All formal comments will be reviewed and considered by DOE.
  
5. All draft criteria revisions, announcements, partner and stakeholder comments, partner meeting minutes and presentations will be posted on the ENERGY STAR web site.

# ENERGY STAR Criteria for Dishwashers History



- **1987** – Congress passed the National Appliance Energy Conservation Act (NAECA)
- **1988** – First Federal dishwasher standard simply requires dishwashers to have option to dry without heat.
- **1994** – First Federal dishwasher standard and test procedure based on Energy Factor (EF) adopted
- **1997** – ENERGY STAR program expanded to include dishwashers
- **2001** – ENERGY STAR dishwasher criteria changed from a minimum EF of 0.52 to a minimum EF of 0.58
- **2003** – New Federal test procedure adopted addressing soil sensing technology and standby

# Partner & Stakeholder Feedback



- DOE will consider all stakeholder comments but is particularly interested in feedback on:
  - Engineering considerations as EF increases.
  - The inclusion of standby power.
  - The inclusion of a water factor.
  - Effective date of the criteria revision.
  - Additional stakeholder input.



# Consumer Education



- DOE understands the purpose of a dishwasher is to wash dishes, hence there is no need to wash dishes prior to putting them into the dishwasher.
- DOE will work with stakeholders to include this information with ENERGY STAR program materials, develop educational tools for consumers and create language for partners to adapt for their specific use.

# Next Steps



- Hold Stakeholder Meeting (**Jul 13, 2005**)
- Collect Comments (due date - **Aug 15, 2005**)
- Analyze Comments
- Release Draft Criteria Revision (**Sep 30, 2005**)
- Collect Comments on Draft (**Oct 2005**)
- Issue Final Determination and Effective Date (**Nov 2005**)