



How ENERGY STAR® Supports Local Programs

Ask the Experts
CEE Program Meeting June 2, 2009

Hewan Tomlinson, US EPA

Today



- About ENERGY STAR
- ENERGY STAR for Products
- ENERGY STAR for New Homes
- Home Performance with ENERGY STAR
- ENERGY STAR HVAC Quality Installation
- ENERGY STAR for Commercial Buildings
- ENERGY STAR for Industry
- Campaigns
- Resources



What is ENERGY STAR?

- Protects the environment through superior energy efficiency
- No tradeoffs in performance or quality
- Cost effective
- Source of authority
 - Government-backed symbol providing valuable, unbiased information
- Binary (Y/N)
- Power of the individual to make a difference

ENERGY STAR Strategies



Residential

- Labeled Products
 - 60+ categories
 - 10-60% more efficient
- Labeled New Homes
 - 20-30% more efficient
- Home Improvement Services
 - Beyond products
 - Ducts/home sealing
 - Whole home retrofits

Commercial/Industrial

- Corporate energy management
 - Benchmarking, goals, upgrades, management & systems (not widgets)
 - Whole building label for excellence
 - Technical Assistance
- Labeled Products
- Industrial
- Small business Initiative

PRODUCTS ▶

Change the world, take the **ENERGY STAR Pledge**.



Explore Products >

- Appliances
- Heating & Cooling
- Home Electronics
- Lighting
- Office Equipment
- Store Locator
- Rebate Finder

HOME IMPROVEMENT ▶

ENERGY STAR HOME ADVISOR



Explore Home Improvement >

- Common Home Problems
- Home Energy Audits
- Air Seal & Insulate
- Heat & Cool Efficiently
- Home Performance with ENERGY STAR
- For Contractors

Get Customized Recommendations

NEW HOMES ▶

ENERGY STAR Qualified Homes



Explore Qualified New Homes >

- Find an ENERGY STAR Builder
- ENERGY STAR New Home Features
- Benefits for Homeowners
- For Residential Professionals

Take A Tour Behind the Walls

BUILDINGS & PLANTS ▶

Bring your GREEN to work



Explore Buildings & Plants >

- Guidelines for Energy Management
- Tools & Resources Library
- Expert Help
- Commercial Building Design
- Green Buildings

ENERGY STAR Products



- **Heating and cooling:** Central AC, Heat pumps, Boilers, Furnaces, Ceiling fans, Room AC, Ventilating fans
- **Office equipment:** Computers, Workstations, Thin Clients, Servers, Monitors, Printers, Copiers, Scanners, Fax machines, Multi-function Devices
- **Home electronics:** battery chargers, cordless phones, answering machines, TVs, set-top boxes, DVD products, home audio, external power adapters, DTAs
- **Lighting:** CFLs, Residential light fixtures
- **Appliances:** Clothes washers, Dishwashers, Refrigerators, Dehumidifiers, Air cleaners, Water coolers
- **Commercial food service:** Refrigerators, Freezers, Holding cabinets, Ice machines, Dishwashers, Griddles, Ovens, Fryers, Steamers, Vending machines
- **Home Envelope:** Home sealing, Roof products, Windows/Doors

Clear process for Setting/Revising ENERGY STAR Specifications



- Criteria weighed when developing or revising ENERGY STAR product specifications:
 - **Significant energy (GHG) savings** will be realized on a national basis.
 - Product energy consumption and **performance can be measured and verified** with testing.
 - Product **performance will be maintained or enhanced**.
 - Purchasers of the product will **recover any cost difference** within a reasonable time period.
 - **Specifications do not unjustly favor** any one technology.
 - Labeling will **effectively differentiate products** to purchasers.
- Typically top 25 % of product models (not sales) but key criteria can trump that goal.
- Use a well documented, transparent process.

ENERGY STAR for New Homes



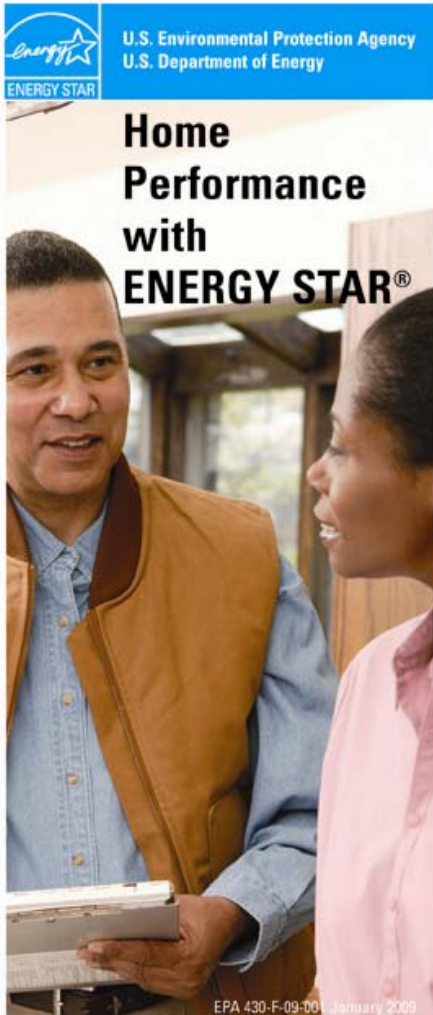
- ENERGY STAR Homes
 - Typically 20-30% more energy efficient than homes built to the 2004 IRC
- Typical Features
 - Complete Insulation System
 - High-Performance Windows
 - Tight Construction and Ducts
 - Efficient Heating and Cooling System
 - Efficient Appliances and Lighting
 - Third-Party Verified

ENERGY STAR Offers



- Consumer and builder oriented resources
 - Marketing toolkit for builders
 - ENERGY STAR Outreach Campaign
 - Brochures and fact sheets
 - Builder recognition
- Partner Assistance
 - Sponsor and Utility Partner Guide
 - Annual Utility and Sponsor Meeting
 - Builder recruitment events and sales training
 - Technical assistance

Home Performance with ENERGY STAR



- Sponsored by a utility, state or local government
- A network of specially-trained contractors
 - Evaluate homes using state-of-the-art equipment
 - Recommend comprehensive energy improvements
 - Ready to complete the work or refer to someone who can
- Quality assurance program checks work of participating contractors to verify program standards are met
- Homeowner chooses and pays for improvements based on credible information

ENERGY STAR Offers



- Lessons Learned from over 20 regional program sponsors
- Program start-up assistance
 - Program Development Guidance
 - Program Plan Best Practices Guide
- Business development assistance for contractors
 - Contractor Business Development Guide
 - Successful Contractor Profiles
 - Sales and Marketing Training
- Marketing materials
 - Marketing Toolkit (for both sponsors and contractors)
 - Recommendations for Planning a Home Energy Makeover Contest
 - Consumer Brochure
 - Consumer video (NEW)
- Visit www.energystar.gov/hpwessponsors

HVAC Quality Installation



- Scope
 - Residential installations (new & replacement)
 - ENERGY STAR not required but encouraged
- Guidelines: ANSI/ACCA HVAC Quality Installation Specification
- 2 Levels of Verification
- Partnership with ENERGY STAR
 - Implementation guide
 - Marketing material
 - Sample commissioning and verification reports
 - Certificate
 - Training
 - Brand identity



ENERGY STAR in Cooperation with TXU Electric Delivery
 Installation Pilot Commissioning Report

Date: _____ Time: _____

Site Information
 Address 1: _____
 Address 2: _____
 City: _____ State: _____ Zip: _____

Design
 Heat Gain Method: Manual 1 2/3 Manual 1 4/4 None Other (specify): _____
 Duct Design Method: Manual D None Other (specify): _____
 Equipment Specification method: Manual S OEM Recommendation Other (specify): _____
 Latent Heat Gain: _____ BTUh Sensible Heat Gain: _____ BTUh
 Total Heat Gain: _____ BTUh Design Airflow: _____ CFM
 Duct Design Static Pressure: _____ IWC
 Type of Installation: Replacement New System - Existing _____
 Square Feet of Zone: _____ sqft

Equipment
 Condenser: Manufacturer: _____
 Serial Number: _____
 Evaporator: Manufacturer: _____
 Serial Number: _____
 System: _____
 Metering Device: Trv Fixed Orifice Other _____
 Refrigerant: R-22 R-410a Other _____
 Refrigerant Charge Goal (for TXV): _____ Subcooling _____
 Fan Motor Type: Fixed Speed (e.g. PSC) Variable _____
 Latent Capacity: _____ BTUh
 Total Capacity: _____ BTUh
 ARI EER/SEER: _____ (1/4 or higher) ARI _____

Air Flow Tests
 Static Pressure: _____ Return Static: _____ IWC
 Measured Air Volume @ evaporator: _____ CFM
 Volume Measurement Method Used: Triflow Anemometer Pressure M _____
 Evaporator/Air Handler Fan Power: Pre: _____ Amps
 Post: _____ Amps
 Condenser Fan Power: Pre: _____ Amps
 Post: _____ Amps
 Compressor Power: Pre: _____ Amps
 Post: _____ Amps
 Speed Setting: Fixed Low Med Low Med High Off
 Speed Setting: Variable: Fan set for: _____

ACCA Standards Task Team (STT) develops as an American National Standards Institute (ANSI) Essential Requirements developed by diverse groups of experts, including representatives from the industry, academia, and government.

ENERGY STAR INSTALLATION GUIDELINES
 Get the full performance of new equipment.

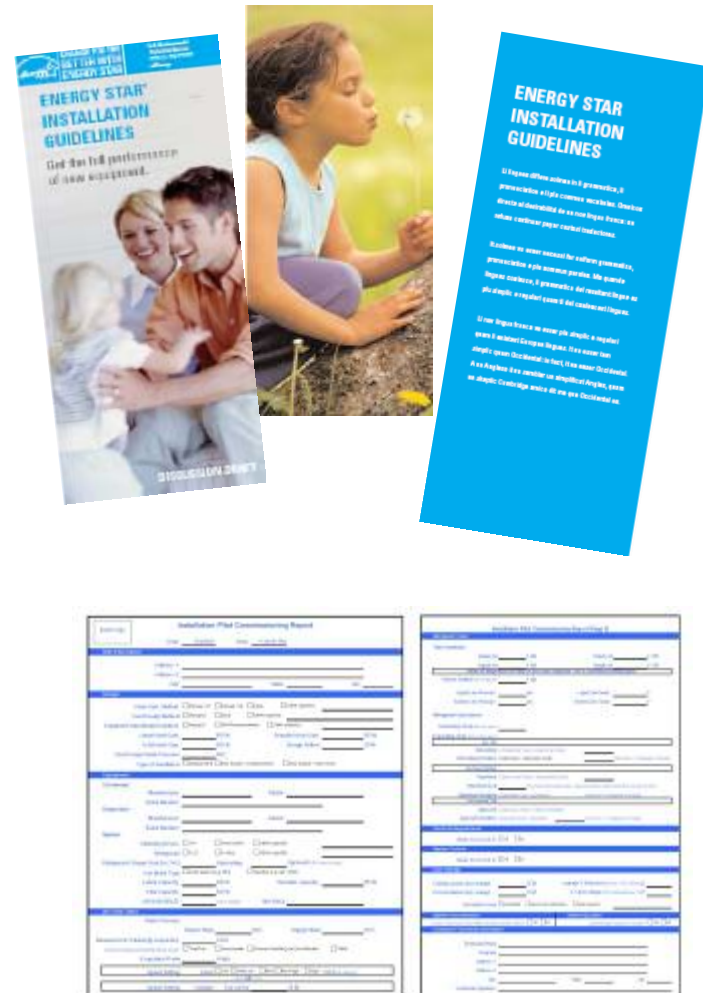
DISCUSSION DRAFT



ENERGY STAR Offers



- Implementation guide for HVAC quality Installation
- Marketing materials
- Sample commissioning and verification reports
- Certificate
- Assistance with program startup and implementation



Homeowner Education Through the Web



- Home Energy Advisor
Make a plan
www.energystar.gov/homeadvisor
Can be hosted on your site
- ENERGY STAR @ Home
Go room-by-room
www.energystar.gov/home
Can be hosted on your site
- Home Energy Yardstick
Track your progress
www.energystar.gov/yardstick
Can be hosted on your site



ENERGY STAR - Microsoft Internet Explorer

File Edit View Favorites Tools Help

- Common Home Problems
- Home Energy Yardstick
- Home Energy Audits
- Air Seal & Insulate
- Heat & Cool Efficiently
- Home Performance with ENERGY STAR
- Home Improvement FAQs
- For Contractors
- For Insulation Manufacturers

[Join ENERGY STAR](#)

ENERGY STAR Home Energy Yardstick

WHAT'S YOUR SCORE?

Compare your household's energy use to others across the country and get recommendations for improvement.

What you need to know to get started

- Your energy use and costs for the last year:** You'll need your last 12 months of utility bills OR a 12-month summary statement from your utility company.
- Energy sources for your home:** natural gas, electricity, fuel oil, propane and/or kerosene?
- The square footage of your home.**

Your Home

What is your zip code?

How many people live in your home?

What is the square footage of your home, including the basement?

[More information](#)

Your Fuel Type

In addition to electricity, what other fuels do you use for home use? Select all that apply.

Natural Gas

Fuel Oil

Your Energy Use

Would you like to use **annual** or **monthly** billing information to enter your energy use?

Annual

Monthly

Select the Start Date for the year covered:



ENERGY STAR Home Energy Yardstick

YOUR SCORE

EPA's Home Energy Yardstick compares a household's energy use to similar homes and gives it a score between 0 and 10 (10 being the most energy efficient).

Yardstick Score: 3.3*



Use (Natural Gas)	Bill Amount (Natural Gas)	Use (Electricity)	Bill Amount (Electricity)
845 CCF or Therms	\$0	11,458 kWh	\$0

Home and Energy Use for:

Address: 123 Energy Drive, Falls Church VA
 Zip Code: 22048
 People living in your home: 2
 Square Footage: 2200
 Energy Use from 01-Nov-2007 to 31-Oct-2008

How To Improve a Low Score

- ✓ Seal air leaks (or drafts).
- ✓ Add more insulation in the attic.
- ✓ If the HVAC equipment is more than 10 years old, consider replacing with models that have earned the ENERGY STAR.
- ✓ Purchase lighting, appliances, home electronics, and other products that have earned the ENERGY STAR.
- ✓ Hire a professional to evaluate the home's energy efficiency.
- ✓ Visit energystar.gov/homeadvisor for more ways to improve efficiency and comfort.

* How you operate or use your home may lower your score. Activities and Equipment that often impact a household's score include: a home office or home business, swimming pool, spa, sauna, pottery kiln, or well pump, as well as a thermostat setting above 72°F for heating or below 78°F for cooling.

ENERGY STAR For Commercial Buildings



- Develop and promote strategies for reducing building energy use by 10, 20, and 30%
- Value proposition/market segmentation
- Benchmarking
- Continuous improvement management practices
- Whole-building efficiency upgrades (O&M as well as capital)
- Re-benchmarking & tracking
- Recognition

Is Your Building Performing Well?



Fuel Efficiency
MPG



Energy Performance
EPA Benchmarking

STATEMENT OF ENERGY PERFORMANCE
Margrave High School
 Building ID: 1021120
 For 12-month Period Ending: January 31, 2004
 Date SEP Generated: March 30, 2004

Margrave High School
 3200 Hwy 96
 Longmead VA 22079
 Gross Building Area: 351,365 SF
 Year Built: 1982

Owner:
 Catholic Group
 Contact: John Doe
 5225 North of Main Drive
 Suite 200
 Arlington VA 22206
 (703) 247-8900

Facility Space Use Summary	Area(SF)	Number of Students	Number of PCs	Cooling Percent
Space Type	NA	NA	NA	NA
Computer Data Center	154	1,231	425	100
K-12 Classroom	343,221			

Site Energy Use Summary

Electricity (kBtu)	5,649,861	Professional Verification
Process (kBtu)	320,419	John Doe
Natural Gas (kBtu)	0	5225 North of Main Drive
Total Energy (kBtu)	5,970,280	Arlington VA 22206
		(703) 247-8900
		License Number: 123456789
		State: VA

Risklets

Energy Performance Rating (1-100) 94

Energy Intensity¹

Site (kBtu/SF-yr)	17
Source (kBtu/SF-yr)	49.4

Emissions

CO ₂ (1000 lbs-yr)	6,765
SO ₂ (1000 lbs-yr)	266
NO _x (1000 lbs-yr)	21

Energy Cost

Cost (\$/yr)	\$24,435
Intensity (\$/SF-yr)	\$9.12

Indoor Environment Criteria²

Indoor air pollution controlled?	Yes
Adequate ventilation provided?	Yes
Thermal conditions met?	Yes
Adequate illumination provided?	Yes

Notes:
 1. Based on the Annual Energy Statement as a national and regional benchmark.
 2. Based on the ASHRAE 90.1-2001 standard for energy-efficient design of new buildings. Locally, due to the performance requirements of the state energy code.



Eligible Space Types



Hospitals



Retail



Office Buildings



Hotels



Medical
Office Buildings



Waste Water
Treatment Plants



Courthouses



Financial Centers



Warehouses



Dormitories



Supermarkets



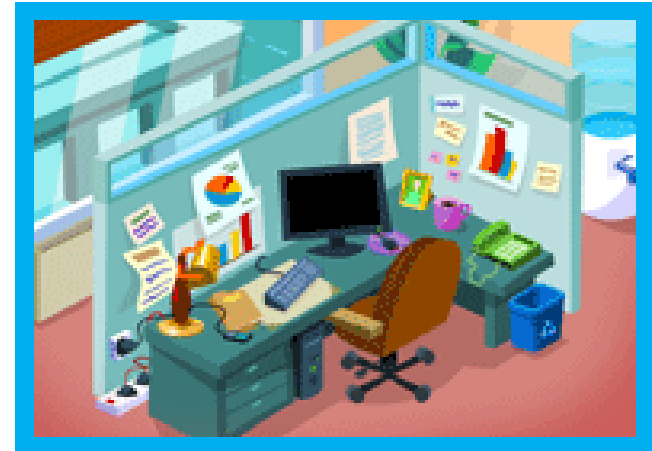
Schools



ENERGY STAR Offers



- Marketing and Communications Support
 - National Campaigns
 - Partner testimonials
 - Partner matchmaking
- Tools & Resources
 - Portfolio Manager
 - Energy Management Guidelines
 - Creating an Energy Management Team
 - Building Upgrade Manual
 - Calculator Tools
- Technical Assistance
 - Program best practice information
 - Automated benchmarking support
- On-Line Training
 - ENERGY STAR Challenge: Getting Started
 - Portfolio Manager Training
 - Designing Top Energy Performing Buildings



- ENERGY STAR @ Work Show consumers how to save energy at work
- Can be hosted on your site
- www.energystar/work

ENERGY STAR for Industry




- Now includes 16 industrial sectors
- Focus meetings a continuing success
 - Peer exchange
 - Sector-specific barriers and opportunities
- ENERGY STAR label available in five sectors
 - auto assembly
 - cement
 - wet corn milling
 - petroleum refining
 - pharmaceutical manufacturing
- Will add two new industries each year
 - steel mini-mills & metalcasting (likely), 2009
- Advanced strategies in energy management
 - Focus on influencing energy value chain
 - Supply Chain Working Group
 - Specialized supplier initiatives in focus industries



Assisting Industry with Excellence in Energy Management



Focus	Years Active	Scope	Peer Exchange Network	Industrial Energy Guide	Energy Performance Indicator	
Cement Manufacturing	5	75% of U.S.-based clinker production	★	Published	Released	✓
Corn Refining	6	95% of U.S.-based refining capacity	★	Published	Released	✓
Food Processing • Cookies & Crackers • Juice • Potato Products • Tomato Products	3	80% of U.S.-based processed fruit, vegetable, and grain sales	★	Published	Draft Draft Draft Draft	
Glass Manufacturing • Fiberglass • Flat glass • Container glass	3	50 % of U.S. flat container and fiberglass sales	★	Published	Draft Draft Draft	
Motor Vehicle Manufacturing	7	95% of the industry with U.S.-based production	★	Published	2 nd Version Released	✓
Petrochemical Manufacturing	2	83% of U.S.-based production capacity	★	Published	Draft	
Petroleum Industry	4	64% of U.S.-based refining capacity	★	Published	Private system recognized by EPA	✓
Pharmaceuticals	4	Over 50% of global and U.S. manufacturing capacity	★	Published	Released	✓
Pulp & Paper	2	70% of U.S.-based companies global sales	★	Draft (Summer 09)	Draft	
Steel	1	95% of integrated production	★	In process	Exploring Options	
Water/Wastewater	3	40% of total U.S. population represented	★	In processes	Portfolio Manager	

National Consumer Campaign



Change the World, Start with ENERGY STAR

- A national campaign encouraging all Americans to join with millions of others and take small, individual steps that make a big difference in the fight against global warming
- Major elements
 - Pledge & pledge drivers
 - Youth & community service
 - Local event tour
 - National media outreach
 - More at

www.energystar.gov/changetheworld

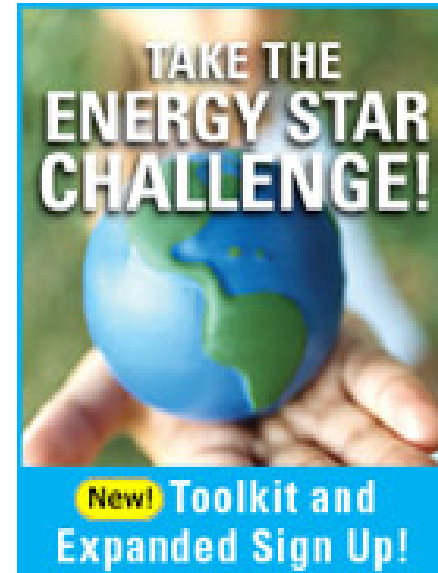


Other Campaigns



Business-Oriented Campaigns

- ENERGY STAR Challenge
 - Galvanizing more than 1,500 end users to improve energy efficiency in commercial & industrial buildings by at least 10%
 - 36 states; 270 local governments; 99 school districts; 35 associations
- Low Carbon IT Campaign
 - Power management for businesses
 - Computers & monitors



CAMPAIGN STATUS

Low Carbon IT Campaign

684,999
Computers Pledged to Power Manage.

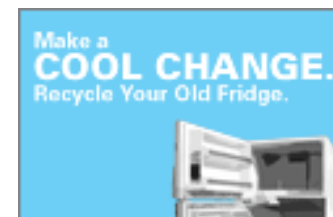
356,550,291
LBS of Greenhouse Gas Emissions Avoided Annually.

244,035,582
kWh Saved Annually.

Check back regularly to see how your efforts and those of others are collectively making a difference!

DOE-led Campaigns

- Operation Changeout
 - The military challenge
- ENERGY STAR recycling campaigns
 - Refrigerators, Clothes washers



OPERATION CHANGE OUT MILITARY CHALLENGE

Take Command of Your Energy Future
Save Money. Save Energy. Save the Environment.

www.energystar.gov/ico



Partner Resources



General

- Join ENERGY STAR
 - Logos, Publications
 - Awards
- Web Linking Policy
 - National Campaigns
 - Training Resources: ENERGY STAR Training Center

By Partner Type

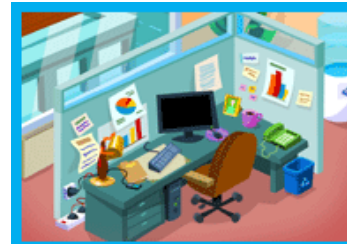
- Utilities/Regional Energy Efficiency Program Sponsors
- Product Manufacturers
 - Product Specifications
 - Product Specifications in Development
 - ENERGY STAR Unit Shipment Data
- Retailers
 - Sales data
- Residential New Construction Industry
- Home Performance with ENERGY STAR Program Sponsors
- Buildings & Plants, Small Businesses & Congregations
- Service & Product Providers
- Residential Contractors
- International Implementation of ENERGY STAR



Partner Resources





Tool/Resource	Partner Use	
<p>PSA Materials</p> <ul style="list-style-type: none"> • 30 second TV PSA • 2 minute video PSA • 4 print PSAs 	<p>Customization/co-branding available for nonprofit organizations.</p>	
<p>@ Home Tool</p>	<p>Customization available to include information on related rebates by partners. Partners can also link to the @ Home tool directly in way that allows consumers to experience the tool without leaving the partner's web site. Example site: http://www.exeloncorp.com/ComedCareMain/ComedCare/getresults/HomeTool/</p>	
<p>@Work Tool (New!)</p>	<p>Like @ Home tool, customization available to include information on related rebates by partners. Partners can also link to the @ Work tool directly in way that allows consumers to experience the tool without leaving the partner's web site.</p>	



Partner Resources



Tool/Resource	Partner Use	
<p>Home Energy Yardstick</p>	<p>Partners can host the Home Energy Yardstick – allows customers to compare their household’s energy use to others’ across the country and get recommendations for improvement. Example site: http://www.lipower.org/efficiency/home_yard.html</p>	
<p>ENERGY STAR web banners, royalty free images, posters, marketing and informational materials</p>	<p>Customization/co-branding available.</p>	
<p>ENERGY STAR publications</p>	<p>Customization/co-branding available for some publications. www.energystar.gov/publications</p>	



Partner Resources



Tool/Resource	Partner Use																												
<p>Rebate Finder</p>	<p>Lists partner rebates for ENERGY STAR qualified residential products. There is also a Commercial Food Service (CFS) rebate finder that lists rebates offered by partners for ENERGY STAR qualified CFS equipment. Rebate Finder: www.energystar.gov/rebatefinder For CFS: www.energystar.gov/cfsrebate_locator</p>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Special Offer/Rebate Finder</p> <p>Your zip code: <input type="text"/></p> <p>Product(s) you're looking for:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Appliances</p> <p><input type="checkbox"/> Clothes Washers</p> <p><input type="checkbox"/> Dishwashers</p> <p><input type="checkbox"/> Refrigerators & Freezers</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Fans</p> <p><input type="checkbox"/> Ceiling Fans</p> <p><input type="checkbox"/> Residential Ventilation Fans</p> </td> </tr> </table> </div>	<p>Appliances</p> <p><input type="checkbox"/> Clothes Washers</p> <p><input type="checkbox"/> Dishwashers</p> <p><input type="checkbox"/> Refrigerators & Freezers</p>	<p>Fans</p> <p><input type="checkbox"/> Ceiling Fans</p> <p><input type="checkbox"/> Residential Ventilation Fans</p>																									
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<p>Database for Incentives and joint Marketing Exchange (DIME)</p>	<p>Lists partner rebates for ENERGY STAR qualified products, but unlike the Rebate Finder, DIME is designed for manufacturers and retailers to identify regional incentive and marketing opportunities for promoting ENERGY STAR qualified products. DIME also enables all partners to coordinate with the appropriate contact from other partner organizations on promotional opportunities. DIME: www.energystar.gov/dime</p>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Database for Incentives and joint Marketing Exchange</p> <p><small>All Lighting Joint Marketing Opportunities: 12 All Lighting Consumer Incentives: 128</small></p> <p style="text-align: center;">New Search Advanced Search</p> <hr/> <p style="text-align: center;"><small>Results 1 - 20 of 128 Next</small></p> <p style="text-align: right;"><small>Download Results in MS Excel Download Results in MS Word Printer-friendly Version</small></p> <p style="text-align: center;"><small>All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</small></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Sponsor </th> <th style="text-align: left;">Incentive Type</th> <th style="text-align: left;">Products</th> <th style="text-align: left;">State(s)</th> <th style="text-align: left;">Incentive Amount</th> <th style="text-align: left;">Start Date</th> <th style="text-align: left;">End Date</th> <th style="text-align: left;">Consumer Hotline</th> <th style="text-align: left;">Contact</th> </tr> </thead> <tbody> <tr> <td>APS (Arizona Public Service)</td> <td>Rebate - Instant, Manufacturer Buydowns</td> <td>CFL Bulbs</td> <td>AZ</td> <td></td> <td>1/1/2008</td> <td>Ongoing</td> <td></td> <td>Whitehead, Glen</td> </tr> <tr> <td>Alliant Energy</td> <td>Rebate - Mail-in</td> <td>CFL Bulbs</td> <td>IA</td> <td></td> <td>1/1/2008</td> <td>12/31/2008</td> <td>800-723-7635</td> <td>Pucelik, Lisa 800-723-7635</td> </tr> </tbody> </table> </div>	Sponsor	Incentive Type	Products	State(s)	Incentive Amount	Start Date	End Date	Consumer Hotline	Contact	APS (Arizona Public Service)	Rebate - Instant, Manufacturer Buydowns	CFL Bulbs	AZ		1/1/2008	Ongoing		Whitehead, Glen	Alliant Energy	Rebate - Mail-in	CFL Bulbs	IA		1/1/2008	12/31/2008	800-723-7635	Pucelik, Lisa 800-723-7635
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<p>Quantity Quotes</p>	<p>Institutional customers like multifamily building owners, public housing authorities, state and local governments, universities, and others can easily locate available ENERGY STAR qualified products, make contact with suppliers, and negotiate discounted prices. Url: www.energystar.gov/QuantityQuotes</p>	<div style="border: 1px solid black; padding: 5px;"> <div style="text-align: center;"> <p>ENERGY STAR® Quantity Quotes <small>CONNECTING BUYERS WITH SUPPLIERS OF ENERGY-EFFICIENT PRODUCTS</small></p> </div> <div style="text-align: center; margin-top: 10px;"> <p>HOME About Resources Help Contact Us</p> </div> </div>																											

Campaign Resources



CHANGE THE WORLD, START WITH ENERGY STAR.

About ENERGY STAR • News Room • FAQs • **KIDS**

Search Go

ENERGY STAR Products Home Improvement New Homes Buildings & Plants Partner Resources

Home > Products > Change the World, Start with ENERGY STAR > **Participating Organizations**

Get Inspired Learn about the ENERGY STAR Pledge	Take Action Become a Pledge Driver	Spread the Word How to Get Involved with the Campaign	Success by the Numbers See what others are doing
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Get Inspired: Join the Fight Against Global Warming!

Change the World, Start with ENERGY STAR is a national movement encouraging all Americans to join with millions of others and take small, individual steps that make a big difference in the fight against global warming. The ENERGY STAR Pledge includes everyday actions, such as changing a light to one that has earned the ENERGY STAR, enabling your computer to power down when not in use, properly programming your thermostat, and more—actions individuals and organizations can take to save energy, save money and help protect the environment.

Many people want to protect our environment, but don't know where to start. Join the Change the World, Start with ENERGY STAR campaign as a pledge driver and inspire others to take the ENERGY STAR Pledge and be part of an important movement. By becoming a pledge driver you can:

- Educate others about global warming and saving energy
- Measure and promote your savings from the pledge actions
- Demonstrate your environmental commitment
- Have access to communications materials to support your efforts



Some Useful Links

- www.energystar.gov
- www.energystar.gov/partners
- www.energystar.gov/index.cfm?c=logos.pt_guidelines
- www.energystar.gov/changetheworld
- www.energystar.gov/challenge
- www.energystar.gov/homeperformance
- www.energystar.gov/homes
- www.energystar.gov/benchmark
- www.energystar.gov/newbuildingdesign
- www.energystar.gov/industry
- www.energystar.gov/publications
- www.energystar.gov/training
- www.energystar.gov/DIME
- www.energystar.gov/Quantity/Quotes
- www.energystar.gov/rebatefinder
- www.energystar.gov/cfsrebate_locator
- www.energystar.gov/home
- www.energystar.gov/work
- www.energystar.gov/taxcredits

Thank You!



- Hewan Tomlinson
 - US EPA
 - Tel: 202-343-9082
 - Email: tomlinson.hewan@epa.gov