



ENERGY STAR Online Products Tools for Energy Efficiency Program Delivery

May 10, 2017





Agenda

- ENERGY STAR Overview
- ENERGY STAR Products List
- The API Tool
- Price & Location Tool
 - ENERGY STAR Most Efficient
- ENERGY STAR Best Value Finder Tool
- Ways to Save RSS feed



What is ENERGY STAR®?

The U.S. Environmental Protection Agency's ENERGY STAR is:

- A voluntary **partnership** among government, business and consumers to save money and protect our climate through superior energy efficiency
- a widely **recognized and trusted mark** on products, homes and buildings that meet strict energy efficiency requirements
- **the simple choice for energy efficiency!**





ENERGY STAR Sales Value

More than **90%** consumer awareness

Consumer awareness and desire for efficiency savings is high.

45% of U.S. households knowingly purchased an ENERGY STAR certified product in the past year.

Of households that purchased ENERGY STAR products in the past year:

- Nearly **75%** reported the label as **influential** in their purchasing decision;
- **85%** of knowing purchasers reported that they are **likely to recommend** products that have earned the ENERGY STAR to friends.



ENERGY STAR Has a Dynamic Portfolio

- ENERGY STAR is constantly reevaluating the programs to ensure the energy efficiency measures are relevant to the current market.
- As barriers in the market arise, ENERGY STAR works to find solutions around these barriers

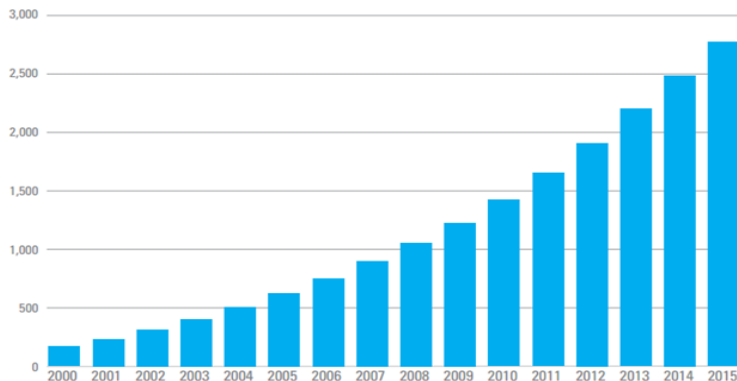




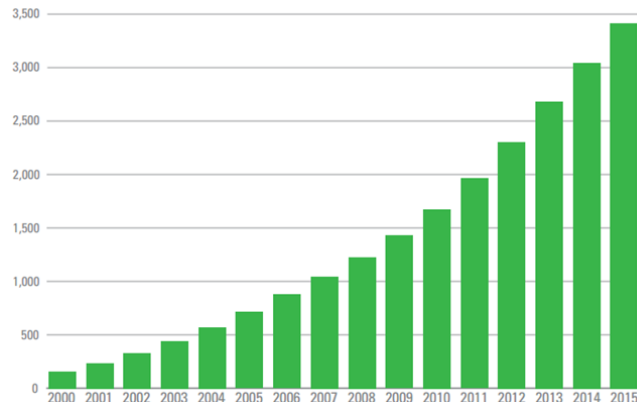
Program Impacts

- 25 years of partnerships
- Vast network of partners (nearly 20,000)
- Large savings over the last 2 decades:
 - Saved Americans \$362 billion on their utility bills
 - Avoided more than 2.5 billion metric tons of greenhouse gas emissions

GHG Emissions Savings



Energy Savings






ENERGY STAR Rebate Finder

- Energy Efficiency Program Sponsors provide information on incentives
- Recently improved the process for updating information, as well as the user interface

Find Product Rebates & Other Special Offers



Enter your zip code in the box below to find rebates and other special offers available in your area.

- 1** Enter your zip code to see a list of rebates and offers in your area.
- 2** Narrow the results to the product categories of interest to you.
- 3** Connect to utility websites for details on how to cash in.

Enter your zip code to begin.
FIND REBATES

3 Records Found

The links below will take you to Web sites external to the energystar.gov domain. [EXIT](#)

Filter Your Results

Filter By Product:

- [Appliances](#)
- Clothes Washers (1)
- [Water Heaters](#)
- Gas Storage Water Heaters (1)
- Heat Pump Water Heaters (1)

LEARN MORE ABOUT PRODUCTS
Looking for more information about how to save with ENERGY STAR products?

Select a Product Ca

PRODUCT FINDER
Find and compare ENERGY STAR products to see how they stack up.

Rebates offered by **Pacific Gas and Electric Company (PG&E)**

Clothes Washers **\$50** 01/01/2016 - 12/31/2016

Mail-in Rebate ⓘ
Pacific Gas and Electric Company (PG&E) | 800-933-9555

Pacific Gas and Electric Company (PG&E) offers a mail-in rebate on the purchase and installation of select clothes washers. Offer valid 01/01/2016 through 12/31/2016. Other restrictions may apply; please visit the website for additional details.

Visit website to learn more

Gas Storage Water Heaters **\$200** 01/01/2016 - 12/31/2016

Mail-in Rebate ⓘ
Pacific Gas and Electric Company (PG&E) | 800-933-9555

Pacific Gas and Electric Company (PG&E) offers a mail-in rebate on the purchase and installation of gas storage water heaters. Offer valid 01/01/2016 through 12/31/2016. Other restrictions may apply; please visit the website for additional details.

Visit website to learn more

Heat Pump Water Heaters **\$500** 01/01/2016 - 12/31/2016

Mail-in Rebate ⓘ
Pacific Gas and Electric Company (PG&E) | 800-933-9555

Pacific Gas and Electric Company (PG&E) offers a mail-in rebate on the purchase and installation of heat pump water heaters. Offer valid 01/01/2016 through 12/31/2016. Other restrictions may apply; please visit the website for additional details.

Visit website to learn more

7



ENERGY STAR Product List Overview

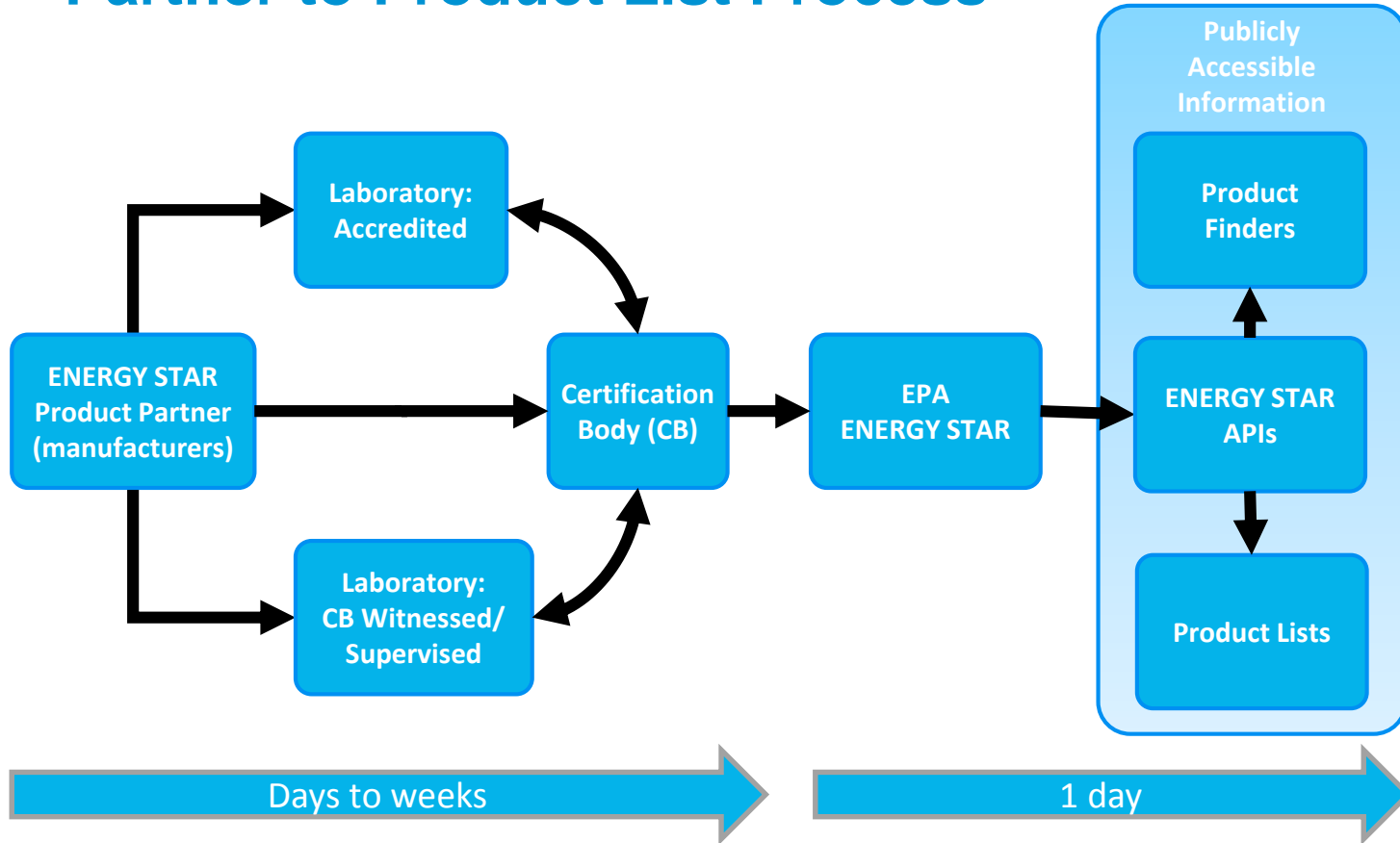
- ENERGY STAR a trusted resource for identifying efficient products
- Dynamic, searchable product lists with information on performance and functionality (and adding availability)
- A sophisticated IT system reviews and accepts data from third party certifiers to populate the product finder
- Infrastructure includes APIs and extensive datasets of related product info, which can be downloaded

The screenshot shows the 'Find and Compare Products' interface for Residential Refrigerators. It includes a search bar, filter options, and a list of product results. The interface is in English and offers access to API, Data Set, and Excel File. The product list includes:

| Product Name | Type | Capacity (Total Volume) (ft3) | Annual Energy Use (kWh/yr) | Date Certified |
|-------------------------|---------|-------------------------------|----------------------------|----------------|
| Fisher & Paykel - RB36S | Compact | 3.7 | 150 | 07/14/2014 |
| Marvel - ML15RA1S*** | Compact | 2.7 | 174 | 03/16/2015 |
| Marvel - ML24RA1S2** | Compact | 5.1 | 184 | 09/24/2014 |
| Marvel - ML24RA1S1** | Compact | 5.3 | 184 | 03/16/2015 |
| Marvel - MP24RA1S*** | Compact | 5.1 | | |



Partner to Product List Process





Product Lists

- Updated daily
- Custom filter options for retailers, partners, others
- Export options including Excel, .csv, APIs
- One portal where stakeholders access certified products – data.energystar.gov
 - Note - Excludes Windows, Non-AHRI CAC/ASHPs, and commercial boilers (temporarily)

ABOUT ENERGY STAR PRODUCT FINDER HOME Sign Up Sign In Help

Alphabetical

Search

Clear All Options

View Types

(All)

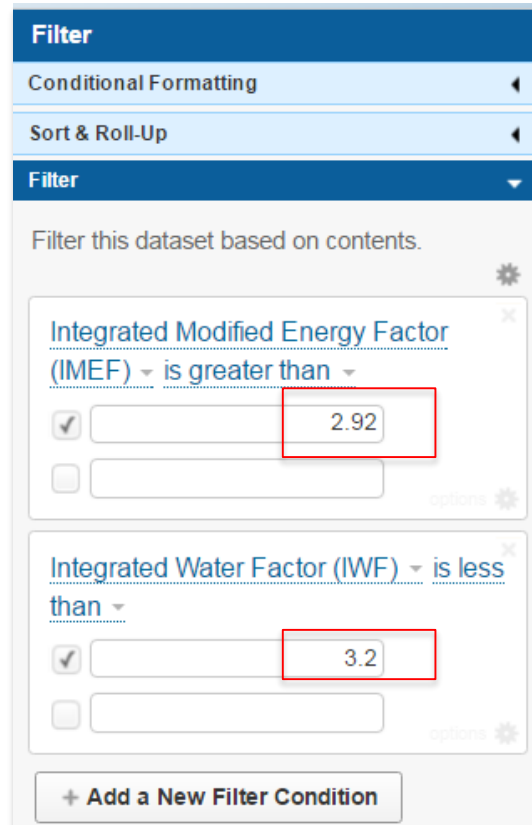
- Datasets
- Charts
- Maps
- Calendars
- Filtered Views
- External Datasets
- Files and Documents
- Forms
- APIs

| | Name | Popularity | Type |
|----|--|-------------|------|
| 1. | ENERGY STAR Certified Audio Video Government Certified models meet all ENERGY STAR requirements as listed in the Version 3.0 ENERG | 707 views | STI |
| 2. | ENERGY STAR Certified Boilers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.1 ENERG | 3,345 views | STI |
| 3. | ENERGY STAR Certified Ceiling Fans Government Certified models meet all ENERGY STAR requirements as listed in the Version 3.0 ENERG | 1,327 views | STI |
| 4. | ENERGY STAR Certified Commercial Clothes Washers Government Certified models meet all ENERGY STAR requirements as listed in the Version 6.1 ENERG | 440 views | STI |
| 5. | ENERGY STAR Certified Commercial Dishwashers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0 ENERG | 742 views | STI |
| 6. | ENERGY STAR Certified Commercial Fryers Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0 ENERG | 629 views | STI |
| 7. | ENERGY STAR Certified Commercial Griddles Government Certified models meet all ENERGY STAR requirements as listed in the Version 1.1 ENERG | 337 views | STI |
| 8. | ENERGY STAR Certified Commercial Hot Food Holding Cabinet Government Certified models meet all ENERGY STAR requirements as listed in the Version 2.0 ENERG | 407 views | STI |



Filtering Datasets

- Multiple filters are available to search datasets
 - Example: Find the subset of products that meet a particular efficiency threshold above ENERGY STAR Clothes Washers
 - IMEF greater than 2.92 and IWF less than 3.2 (CEE Tier 3) Filter view: Click Filter
- Click on ENERGY STAR Unique ID and change it to the attribute you want to filter
 - ENERGY STAR Unique ID creates unique links for a model certified to a specific spec version
 - Allows users to track when models certified to a particular spec are added to the list or fall off the list





Filtering Datasets Continued

- Sample filters available

| Product Category | Unique filters | Cross-cutting filters |
|---------------------------------------|--|---|
| Clothes washers | <ul style="list-style-type: none"> • Load configuration | <ul style="list-style-type: none"> • Brand name • Model name, model number, additional model information • ENERGY STAR unique model identifier • Date qualified • Date available on market • Markets • Energy use • Efficiency ratios • Capacity • Product type • Meets ENERGY STAR Most Efficient Criteria • Connected functionality |
| Dishwashers | <ul style="list-style-type: none"> • US federal standard • Water use • ENERGY STAR Most Efficient | |
| Room air conditioners | <ul style="list-style-type: none"> • Reverse cycle | |
| Light bulbs | <ul style="list-style-type: none"> • Technology • Base type • Light Output • CCT • CRI • Special features • Power factor • Life Rating • Warranty • Dimming capability | |
| Commercial refrigerators and freezers | <ul style="list-style-type: none"> • Configuration • Door options • Refrigerant type | |
| Furnaces | <ul style="list-style-type: none"> • Fuel type • Region | |



Embedding Datasets

Powered by Socrata

Certified Room Air Conditioners

ENERGY STAR MENU

ENERGY STAR Certified Room Air Conditioners

| | ENERGY STAR Unique ID | Brand Name | Model Number |
|----|-----------------------|-------------|--------------|
| 1 | 2,265,982 | Amana | AMAW061AW |
| 2 | 2,254,738 | Arctic King | AKSC08CR61 |
| 3 | 2,254,740 | Arctic King | AKTW08CR61 |
| 4 | 2,254,739 | Arctic King | AKTW10CR61 |
| 5 | 2,254,741 | Arctic King | AKTW10CR62 |
| 6 | 2,254,743 | Arctic King | AKTW12CR61 |
| 7 | 2,254,742 | Arctic King | AKTW12CR62 |
| 8 | 2,256,680 | Arctic King | AKW06CR61 |
| 9 | 2,256,962 | Arctic King | AKW08CR61 |
| 10 | 2,290,128 | Arctic King | AKW08CR71 |
| 11 | 2,256,965 | Arctic King | AKW10CR61 |
| 12 | 2,290,125 | Arctic King | AKW10CR71 |
| 13 | 2,256,967 | Arctic King | AKW12CR61 |
| 14 | 2,290,124 | Arctic King | AKW12CR71 |
| 15 | 2,256,969 | Arctic King | AKW15CR61 |



APIs

- Publishes Certified Products Data in machine readable format
- Accessible to any application with a connection to the web
- All dataset fields available through the API
- All of the tools mentioned today are built off of the API
- Open and free for anyone to use: data.energystar.gov/developers

The screenshot shows the top of the ENERGY STAR Developer Resources page. The header is blue with the ENERGY STAR logo on the left and navigation links (About ENERGY STAR, Product Finder Home, Help) and social media icons (Facebook, Twitter, LinkedIn) on the right. A 'Sign In' button is also present. The main heading is 'Welcome to ENERGY STAR's Developer Resources Page!'. Below this is an 'Important Update!' section with a warning icon and text stating that API documentation pages have been updated and redirected. The main content area is divided into three columns: 'Getting Started with SODA', 'API Documentation', and 'ENERGY STAR Essentials'. Each column contains introductory text and links to further resources.

Important Update!
We recently updated our API documentation pages. If you were redirected here from a previously-saved documentation page, check out "How do I access an API?" to learn how to get the newest documentation. All API endpoints will continue to work.

Did you know that every dataset on data.energystar.gov has an API endpoint? Find everything you need here to hatch your most creative and powerful ideas, and use it to build your next mash-up for innovation.

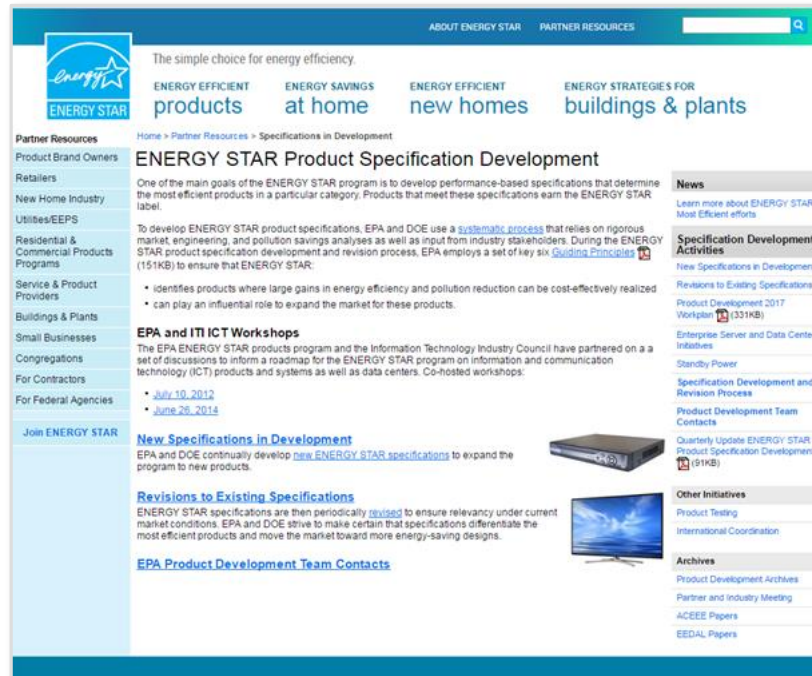
Getting Started with SODA
So you want to win that hackathon or build the next hot open data app? Follow the Getting Started guide for App Developers at dev.socrata.com to get yourself started. Learn about finding the API endpoint, building filters and queries, and getting set up with an App Token.
[Access Start Guide](#)

API Documentation
Ready to start coding? Every dataset has its own API documentation page accessible from the dataset page.
[Visit the Data Catalog](#)

ENERGY STAR Essentials
Learn more about ENERGY STAR and what products are included in these datasets. If you are interested in creating an app with the open data on this site, sign up for updates regarding changes to datasets.
[Find Product Essentials](#)

Changes to Datasets/APIs: Drivers

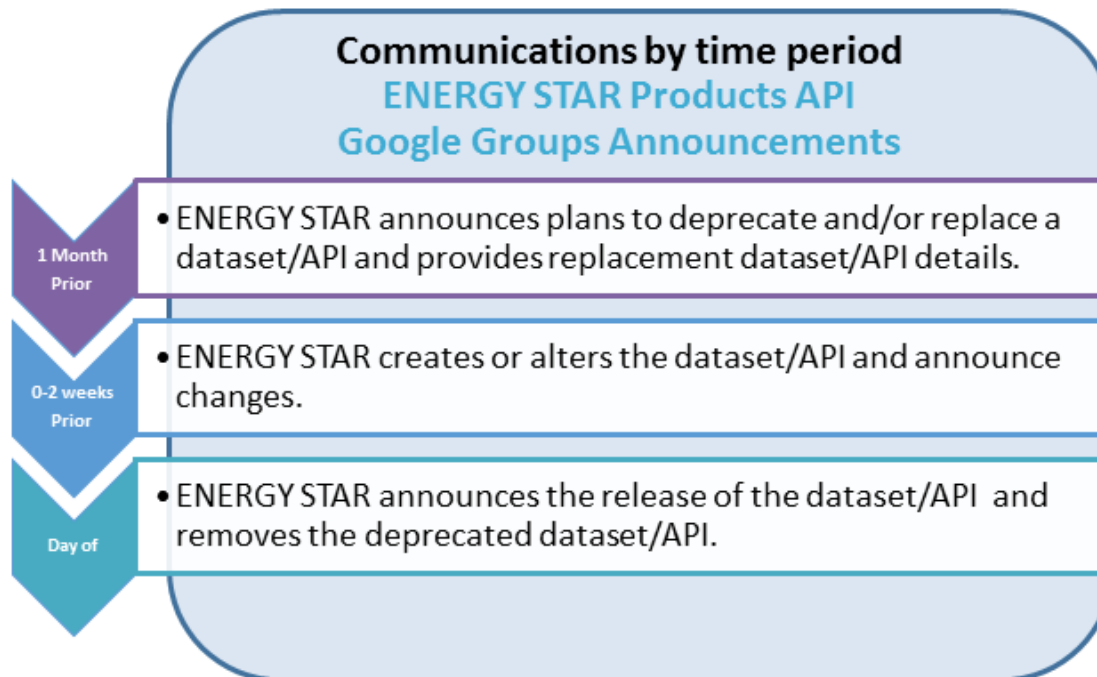
- New product specification (e.g., clothes dryers)
- Change to existing specification (e.g., boilers)
- Dataset updates (e.g., change in metrics for evaluating product performance)
- Visit energystar.gov/productdevelopment



The screenshot shows the ENERGY STAR website's 'Product Specification Development' page. The header includes the ENERGY STAR logo and navigation links for 'ABOUT ENERGY STAR' and 'PARTNER RESOURCES'. Below the header, there are four main categories: 'ENERGY EFFICIENT products', 'ENERGY SAVINGS at home', 'ENERGY EFFICIENT new homes', and 'ENERGY STRATEGIES FOR buildings & plants'. The main content area is titled 'ENERGY STAR Product Specification Development' and contains several sections: 'Partner Resources' (listing various stakeholder groups), 'New Specifications in Development' (describing the systematic process and listing key six criteria), 'Revisions to Existing Specifications' (explaining the periodic update process), and 'EPA and IT/ICT Workshops' (detailing a partnership with the Information Technology Industry Council). On the right side, there are sections for 'News', 'Specification Development Activities', and 'Other Initiatives'. The page also features images of a clothes dryer and a television.



Communication about Changes to Datasets





Archived Specification Lists

- Archived qualified product lists are kept on the energystar.gov website under the product specification search page at: www.energystar.gov/products
 - Ensure that you are looking at the page for partners and click the archived tab

The screenshot shows the 'Certified Products' page on the Energy Star website. The page title is 'Light Bulbs for Partners' with a sub-header '(Are you a consumer? See For Consumers)'. A green button labeled 'FIND PRODUCT SPECIFICATIONS' is visible. The 'PARTNERS' sidebar includes links for 'View our current partners', 'Partners List', and 'View Certified Light Bulbs'. The 'RELATED PAGES' sidebar includes a link for 'Light Bulbs for Consumers'. The main content area has tabs for 'Current', 'In Development', and 'Archived', with 'Archived' selected. Below the tabs, there is a list of links for various lamp specifications, including 'Archived Lamps V1.1 Qualified Products List (EXCEL, 3 KB)', 'Archived Integral LED Lamps Qualified Products List - Version 1.4 (EXCEL, 2.0 MB)', and 'Archived CFLs Qualified Products List- Version 4.0 (EXCEL, 1.7 MB)'. Below the list, there is a section titled 'Applying for the ENERGY STAR' with instructions on how to apply and contact information for EPA-recognized Certification Bodies (CBs).



API Developers Next Steps

- Join Google Groups developer forum ENERGY STAR Products API
- Review website resources
 - data.energystar.gov/developers
 - ENERGY STAR Products APIs Essentials
 - links through /developers webpage

The screenshot shows the developer page for the 'ENERGY STAR Certified Light Bulbs Version 2.0' dataset. The page includes a navigation bar with links for SODA Developers, App Developers, Data Publishers, API Docs, and Libraries & SDKs. The main content area features a welcome message, a 'Getting Started' section with instructions on using the API, and a 'Learn more about' section with links to documentation. A right-hand sidebar contains metadata about the dataset, including its identifier, source domain, and creation date. The page also includes a search bar and a 'View dataset' link.



Price and Location Feature

- Designed to facilitate online research and in-store purchases consistent with what consumers have come to expect from online shopping tools

Find Local Retail Locations for: [change zip code](#)



The Home Depot
1.7 miles



Kmart
4.4 miles



Sears
7.8 miles

Map & Stock Information

In Stock at 9 stores

Sears SEVEN CORNERS - #0001024
7.8 miles \$479.99 In Stock [G](#)


Sears SEARS HOME APPLIANCE SHOWROOM - #0004973
8.3 miles \$479.99 In Stock [H](#)

Sears LANDMARK MALL - #0001284
8.9 miles \$479.99 In Stock [J](#)

Sears WHITE OAK S/C - #0001304
9.4 miles \$479.99 In Stock [M](#)

Sears WHEATON (SILVER SPG)-OUTLET - #0009282
9.5 miles \$479.99 In Stock [N](#)








| | | | |
|---|-------------------------------|------------|---|
|  | Defrost Type | Automatic | <ul style="list-style-type: none"> Bright lighting for easy visibility Reversible door swing option Filter change alert Color-coordinated door handle chest Independent temperature controls |
| | Compact | No | |
| | Built-in | No | |
| | Thru the Door Dispenser | No | |
| | Ice Maker | No | |
| | Counter Depth | No | |
| | Height (in) | 59.8 | |
| | Width (in) | 24.0 | |
| | Capacity (Total Volume) (ft3) | 9.9 | |
| | Annual Energy Use (kWh/yr) | 296 | |
| | US Federal Standard (kWh/yr) | 314 | |
| | Connected Functionality | No | |
| | Date Available On Market | 02/22/2014 | |

New Price and Location Information

EPA is adding new price and location information for ENERGY STAR Most Efficient products to enhance the consumer experience and make it easier to locate models. Data on price and availability are sourced from retail web sites for informational purposes only. Prices may vary in store or online. Please share any issues or feedback with the features by reporting it here.

There are currently no Canada only models.

Find Online Clicking on the "Go" link below will take you to web sites external to the energystar.gov domain. [exit](#)

| | | | | | |
|---|------------------------------------|------------------|-------------|----------|--------------------|
|  | Airport Home Appliances & Mattress | FFET1022QW white | In Stock | \$479.00 | Go |
| | | FFET1022QB black | In Stock | \$479.00 | Go |
|  | AJ Madison | FFET1022QW white | Online Only | \$425.10 | Go |
| | | FFET1022QB black | Online Only | \$425.10 | Go |
|  | Appliances Connection | FFET1022QW white | In Stock | \$489.00 | Go |
| | | FFET1022QB black | In Stock | \$499.00 | Go |
|  | Kmart | FFET1022QW white | In Stock | \$431.09 | Go |
| | | FFET1022QB black | In Stock | \$479.99 | Go |
|  | Sears | FFET1022QW white | In Stock | \$431.09 | Go |



Price and Location Feature

- Introduced for ENERGY STAR Most Efficient products available at retail in 2016
- Provides information about online pricing to enrich the energystar.gov experience
 - Leverages public data already available
 - Zip code detection via IP address or manual input allows consumers to see stores nearby that sell specific ENERGY STAR models
 - Map feature allows consumers to get directions to stores
 - Provides links directly to retail pages with details on how to purchase the model
 - Data updated multiple times a day to deliver accurate pricing information
- Share in-store pricing where available to provide even more information to the consumer



Most Efficient Clothes Washers Page

| | | | | | | | | |
|---------------------------------|---|--------------------|-----|------------------------------|-----|---------------------------------|------|---|
| | <table border="1"> <tr> <td>Volume (cu. ft.) ⓘ</td> <td>5.7</td> </tr> <tr> <td>Annual Energy Use (kWh/yr) ⓘ</td> <td>150</td> </tr> <tr> <td>Annual Water Use (gallons/yr) ⓘ</td> <td>5381</td> </tr> </table> | Volume (cu. ft.) ⓘ | 5.7 | Annual Energy Use (kWh/yr) ⓘ | 150 | Annual Water Use (gallons/yr) ⓘ | 5381 | <p>Features</p> <ul style="list-style-type: none"> • Super Large 5.7 cu. Ft Capacity • Direct Drive Motor 10 Year Manufacturer's Limited Warranty • ColdWash™ Technology • 6Motion™ Technology • Fast & Clean TurboWash™ 2.0 Technology • AAFA certified Allergiene™ Cycle with Steam • Smart TagOn™ Technology • Slam Proof Lid |
| Volume (cu. ft.) ⓘ | 5.7 | | | | | | | |
| Annual Energy Use (kWh/yr) ⓘ | 150 | | | | | | | |
| Annual Water Use (gallons/yr) ⓘ | 5381 | | | | | | | |
| <p>LG WT7700H*A</p> | <p>Low High \$1,094.00 - \$1,329.99 at 4 Online stores</p> <p> 📍 Retail Locations 💰 Pricing 📄 Product Specs </p> <p>CLICK FOR PRODUCT DETAILS</p> | | | | | | | |
| | <table border="1"> <tr> <td>Volume (cu. ft.) ⓘ</td> <td>5.6</td> </tr> <tr> <td>Annual Energy Use (kWh/yr) ⓘ</td> <td>130</td> </tr> <tr> <td>Annual Water Use (gallons/yr) ⓘ</td> <td>4593</td> </tr> </table> | Volume (cu. ft.) ⓘ | 5.6 | Annual Energy Use (kWh/yr) ⓘ | 130 | Annual Water Use (gallons/yr) ⓘ | 4593 | <p>Features</p> <ul style="list-style-type: none"> • SuperSpeed • Powerfoam • Self Clean+ • Crystal Door • VRT Plus |
| Volume (cu. ft.) ⓘ | 5.6 | | | | | | | |
| Annual Energy Use (kWh/yr) ⓘ | 130 | | | | | | | |
| Annual Water Use (gallons/yr) ⓘ | 4593 | | | | | | | |
| <p>Samsung WF56H91**C*</p> | <p>Low High \$1,439.10 - \$1,439.10 at 1 Online stores</p> | | | | | | | |



ENERGY STAR Best Value Finder: A New Tool Leveraging Price & Location Functionality

- Goal: Make energy saving products and tips more accessible to low income or budget-constrained consumers
 - Highlight least cost, efficient options
 - Provide online and local options for researching and purchasing products
 - Provide buying tips and information about rebates
 - Offer simple ways to reduce energy consumption and save money
- Why ENERGY STAR “Best Value” Finder?
 - Selected name based on market research
 - Enhances the ENERGY STAR brand, reflects positively on retailers and manufacturers, and should resonate with the cost-conscious consumer who is doing their research to find a smart deal.



The EE Opportunity: Starting with Refrigerators, Light Bulbs and TVs

- **LED Light Bulbs**
 - The need: Compared to average households, low-income households are less likely to have energy efficient bulbs. Utility low income program reps tell stories of visiting homes where bulbs are dead and not replaced.
 - EE opportunity: LED bulb prices have significantly decreased. Long-lasting LED bulbs are available for under \$5, aided by local utility promotions.
- **Refrigerators**
 - The need: Low-income households are more likely to have older refrigerators.
 - EE opportunity: Replacing an old refrigerator with a new one that has earned the ENERGY STAR could save you \$260 over the next five years. A number of utilities offer rebates towards the purchase of new ENERGY STAR refrigerators, and in some cases for recycling the old one.
- **TVs**
 - The need: Low-income consumers own almost as many televisions as middle-income and wealthy Americans.
 - EE opportunity: Encourage purchase of an ENERGY STAR model.

New Addition: Room Air Conditioners

- The need: This purchase is highly price sensitive for all consumers. Most Room ACs are found in lower income homes.
- EE opportunity: There are more than 25 ENERGY STAR models under \$300. There is also a strong opportunity to convey tips about proper installation and right sizing to help improve consumer comfort while saving energy at the same time.





Best Value Finder Tool

- Went live in Fall 2016 – now inviting partners to explore the functionality
- Obtains price data through real-time scraping of retail sites
- Look and feel of tool = a comprehensive bundle of resources accessible by web or mobile
 - Leverage price and location infrastructure to list models by lowest price available. User can select the features that are most important to them using the available filters.
 - Also offer mobile accessible site: low income are more likely to rely on their smartphones for internet access.
 - Provide rotating, adaptable content on energy saving opportunities
 - Targeted tips on purchasing and using products efficiently
 - Use consumer's zip code to show available rebates
 - Initial tool includes the rebates already provided to EPA by utilities
 - In the future would like to include links to low-income utility and other assistance programs



Best Value Landing Page



- Describes what the Best Value Finder offers
- Provides compelling facts for why users should visit the product pages
- Offers more ways to save – focused on areas where you can save the most money.
 - Switching from paid TV to streaming
 - Setting back/up your thermostat when away
 - Adding insulation
 - Federal tax credits for water heaters
 - Installing low-flow showerheads
 - Learning what bulb you need for your fixture



ENERGY STAR Best Value Finder – Refrigerators

ENERGY STAR Certified Refrigerators

Refrigerator models that have earned the ENERGY STAR offer value because they save you money on your energy bills. Use the list below to find the best value in terms of purchase price.

Models with the freezer on top tend to use the least energy (versus bottom freezers or side-by-sides). See more Buying Guidance.

Filter Your Results

filter by keyword

Type

- Top Freezer (274)
- Bottom Freezer (609)
- Side-by-Side (84)
- Freezerless and Single Door (39)
- Compact (746)

Additional Features

- Thru the Door Dispenser (289)
- Automatic Defrost (1392)
- Connected (44)
- Ice Maker (371)
- Built-in (136)
- Counter Depth (449)

Capacity (Total Volume) (ft3)

- Less than 7.5 (746)
- 7.5 - 12 (156)
- 12 - 15 (56)
- 15 - 18 (116)
- 18 - 21 (283)
- 21 - 24 (187)
- 24 - 27 (138)
- Greater than 27 (122)

Height (in)

- Less than 65 (884)
- 65 - 65.9 (62)
- 66 - 66.9 (35)
- 67 - 67.9 (45)
- 68 - 68.9 (71)
- 69 - 69.9 (290)
- 70 - 70.9 (116)

Pricing is from a Sample of Retail Websites

Sorted: lowest to highest price

[Share Your Results](#)

Frigidaire - FFHT1814Q*

Top Freezer | 18.1 cubic ft. | 447 (kWh/yr)

\$449.97 - \$669.00

[View Product Details](#)

Hotpoint - HPE15BTH***

Top Freezer | 14.6 cubic ft. | 337 (kWh/yr)

\$467.47 - \$599.00

[View Product Details](#)

Frigidaire - FFHT1821Q*

Top Freezer | 18.1 cubic ft. | 363 (kWh/yr)

\$479.97 - \$799.00

[View Product Details](#)

Frigidaire - FFHT1514Q*

Top Freezer | 14.6 cubic ft. | 336 (kWh/yr)

\$533.10 - \$659.00

[View Product Details](#)

Rebates in your zip code: 20877 [CHANGE ZIP](#)

Refrigerators (recycling) Up to \$50 Valid: 01/01/2016 - 12/31/2017

Mail-in Rebate Potomac Edison (FirstEnergy utility) | 877-270-3521 [Visit website to learn more](#)

ENERGY STAR Certified Refrigerators : GE - GTE16DTH****

GE
GTE16DTH****

| Description | Energy Use |
|--------------------------|-----------------------|
| Type | Top Freezer |
| Defrost Type | Automatic |
| Compact | No |
| Built-in | No |
| Thru the Door Dispenser | No |
| Ice Maker | Yes |
| Counter Depth | No |
| Connected Functionality | No |
| Date Available On Market | 04/15/2014 |
| Date Certified | 06/05/2014 |
| Markets | United States, Canada |

| Energy Use | |
|------------------------------|-----|
| Annual Energy Use (kWh/yr) | 428 |
| US Federal Standard (kWh/yr) | 468 |

| Size | |
|-------------------------------|------|
| Height (in) | 64.1 |
| Width (in) | 28.0 |
| Capacity (Total Volume) (ft3) | 15.6 |

[Share Your Results](#)

[Back to refrigerators results](#)

Clicking on the "Go" link below will take you to web sites external to the energystar.gov domain. EXIT

Find Online

| Retailer | Product | Availability | Price | Action |
|----------|--------------------------|--------------|----------|--------------------|
| | GE16DTHHW White On White | Out of Stock | | Unavailable |
| | GE16DTHHW White | Online Only | \$533.10 | Go |
| | GE16DTH66 | Online Only | \$533.10 | Go |

[SHOW ALL](#)

EPA is pulling information on price and availability of ENERGY STAR certified models directly from retailer websites. Prices may vary in store or online. Please share any issues or feedback with the features by reporting it here

Find Local Retail Locations for 20003

[CHANGE ZIP CODE](#)

Best Buy
1.3 miles

The Home Depot
2.6 miles

Lowe's
3.2 miles

hgregg
7.7 miles

In Stock at 3 stores


Best Buy
Union Station - Washington D.C. - #9500
1.3 miles

Best Buy
Columbia Heights - #1092



ENERGY STAR Best Value Finder – Televisions

ENERGY STAR Best Value Finder




ENERGY STAR Certified Televisions

TVs that have earned the ENERGY STAR offer value because they save you money on your energy bills. They are available from all the leading manufacturers and come with all the latest features including Wi-Fi (or streaming) capabilities.

Use the list below to find the best value in terms of purchase price.

Disclaimer



Experts suggest a 10 foot viewing distance is ideal for TVs larger than 40 inches. See more [Buying Guidance](#).

Filter Your Results

Size (in.)

- Less than 32 (179)
- 32-39 (53)
- 40-46 (126)
- 47-53 (147)
- 54-61 (141)
- 62-69 (65)
- Greater than 70 (13)

Pricing is from a Sample of Retail Websites

Sorted: lowest to highest price


| | |
|-------------------------------------|----------------------------------|
| SEIKI - SE24FL | <input type="checkbox"/> Compare |
| 23.8 Inches 1080p 36.4 (kWh/yr) | |
| \$59.97 | View Product Details |
| ELEMENT - ELEFW195 | <input type="checkbox"/> Compare |
| 18.48 Inches 720p 28.2 (kWh/yr) | |
| \$76.00 - \$99.99 | View Product Details |

[Share Your Results](#)



ENERGY STAR Best Value Finder – Light Bulbs


ENERGY STAR Best Value Finder



ENERGY STAR Certified Light Bulbs

Light bulbs that have earned the ENERGY STAR offer value because they save you money on your energy bills. Use the list below to find the best value in terms of purchase price.

Disclaimer



Each light bulb is independently certified to deliver high quality.

Filter Your Results

- Bulb Type**
- Clear selections
- Decorative (617)
- General Purpose Replacement (1834)
- Globe (254)
- Reflector (Flood/Spot) (3706)

- Technology**
- Clear selections
- CFL (20)
- LED (6591)

- Special Features**
- Dimmable (5667)
- 3-Way (93)
- Connected (7)
- Filament Style (148)
- Rated for Use in Enclosed Fixtures (2593)
- Not for Use in Enclosed Fixtures (3316)
- Rated for Use in Recessed Fixtures (4189)
- [Show more](#)

- Base Type**
- Medium Screw Base (E26) (552)
- Candelabra Screw Base (E12) (471)
- GU24 (169)
- GU10 (328)

- Wattage Equivalency (watts)**
- 10-24 (19)

Pricing is from a Sample of Retail Websites Sorted: lowest to highest price

Great Value - GVRLA6050ND Compare

General Purpose Replacement | LED | 800 lumens | 60 w (equiv.)

\$3.94 - \$9.77 as low as \$1.97 per bulb (2 pack) [View Product Details](#)

Great Value - GVRLA6027ND Compare

General Purpose Replacement | LED | 800 lumens | 60 w (equiv.)

\$2.17 - \$7.97 [View Product Details](#)

Euri lighting - EA19-2021e-2 Compare

General Purpose Replacement | LED | 800 lumens | 60 w (equiv.)

\$5.90 as low as \$2.95 per bulb (2 pack) [View Product Details](#)

Sylvania - 79161 Compare

General Purpose Replacement | LED | 800 lumens | 60 w (equiv.)

\$2.98 as low as \$2.98 per bulb (1 pack) [View Product Details](#)

[Share Your Results](#)

Rebates in your zip code: 20877 [CHANGE ZIP](#)

Light Bulbs - LEDs Up to \$7 Valid: 01/01/2015 - 12/31/2017

Buy-Down/Discount Potomac Electric Power Company (Peppco) | 866-353-5798 [Visit website to learn more](#)

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ENERGY STAR Best Value Finder – Room ACs

ENERGY STAR Best Value Finder



ENERGY STAR Certified Room Air Conditioners

Room air conditioners that have earned the ENERGY STAR offer value because they save you money on your energy bills. Use the list below to find the best value in terms of purchase price.

Disclaimer



An improperly installed room AC leaks as much air as a 6 sq inch hole. Follow the instructions and use the insulation materials included.

Filter Your Results

Type

- Window (337)
- Through the Wall (107)
- Do not filter

Cooling Capacity (Btu/hr)

- < than 6,000 (16)
- 6,000 - 7,999 (47)
- 8,000 - 9,999 (91)
- 10,000 - 11,999 (98)
- 12,000 - 13,999 (82)
- 14,000 - 19,999 (67)
- ≥ 20,000 (43)

Pricing is from a Sample of Retail Websites



Sorted: lowest to highest price

Share Your Results

| |
|--|
| <p>Keystone - KSTAW05C <input type="checkbox"/> Compare</p> <p>Window 5000 Btu/hr 12.1 CEER</p> <p>\$169.99</p> <p style="text-align: right;">View Product Details</p> |
| <p>Frigidaire - FFRE0533S1 <input type="checkbox"/> Compare</p> <p>Window 5000 Btu/hr 12.1 CEER</p> <p>\$179.00 - \$209.99</p> <p style="text-align: right;">View Product Details</p> |



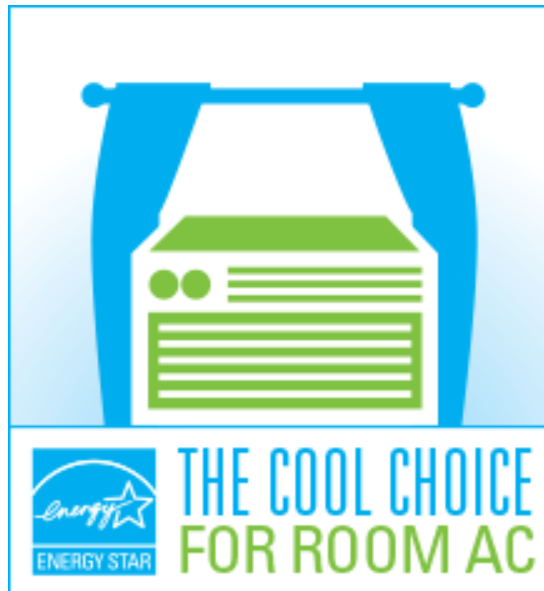
ENERGY STAR Best Value Finder – Mobile Capabilities

The image shows the home screen of the Energy Star Best Value Finder mobile app. At the top, there is a blue header with the Energy Star logo on the left, the text "Best Value Finder" in the center, and a "FULL SITE »" button on the right. Below the header, the main title "ENERGY STAR Best Value Finder" is displayed. Underneath is a large image of a family walking on a path, with the text "The Value of ENERGY STAR at the Best Price" overlaid. Below the image is a paragraph of introductory text. At the bottom, there is a section titled "PRODUCT CATEGORIES" with a purple background, featuring a "Room Air Conditioners" category with a small image of an AC unit and a short description.

The image shows a product page within the Energy Star Best Value Finder mobile app. The header is identical to the home screen. Below the header, there is a "« BACK TO ALL CATEGORIES" link and a "Disclaimer" link. The main product section is titled "ENERGY STAR Certified Televisions" and includes a small image of a TV. Below the title is a paragraph of text explaining that TVs earn the Energy Star offer because they save money on energy bills. Another paragraph mentions that HDTVs offer excellent viewing without the cost of ultra HD, with a link to "See more Buying Guidance." Below the text are four circular indicators, with the second one highlighted. At the bottom of the product section, there is a "Pricing is from a Sample of Retail Websites" notice with a share icon, and a "Sorted: lowest to highest price" indicator. A blue "Filter Results" button is located below the pricing information. The product listing for "SIGCUS - SGC 19E" is shown at the bottom, with specifications: "18.51Inches | 1080p | 33.1 (kWh/yr)" and a price of "\$59.40".

Best Value Finder Next Steps

- Starting to promote the tool through the Cool Choice for Room AC promotion
- Gathering input at the National Energy Utility Affordability Council (NEUAC) annual meeting in June
- We welcome your feedback!



ENERGY STAR Ways to Save RSS Feed

- A web service that provides an ongoing stream of ENERGY STAR branded, energy-saving tips to external web sites that adopt the service. Tips include:
 - All the tips from My ENERGY STAR
 - Content from national product promotions
 - Any and all additional content, as available. No limits!
- Tips can be customized (filtered) by partners based on specific product categories and/or types based on partner interest.
- Each tip includes a link back to energystar.gov.





Benefits For Partners

- Fresh and Frequent Content
 - Increase the amount of content that changes on your page(s) to show search engines that your page is worthy of receiving a boost in the search results.
 - Increase the frequency of the changes to give search engines a reason to crawl your site more often.
 - Give visitors more options for engaging with your page.
- ENERGY STAR Brand Affiliation
 - ENERGY STAR is a trusted brand that provides credibility to your site and confidence to your site visitors.
 - Displaying ENERGY STAR branded content next to your own content creates a connection that can improve the perceived value of your content.
- One and Done
 - Once the web service is adopted, you're done. You do not have to think about it again. The service continues to serve up fresh content to your site providing ongoing benefits to your users and web page performance.

How Does it Work?

- 3 header sizes / widths for feed –
 - 768px by 95px
 - 320px by 150px
 - 240px by 110px
- Terms of use
 - Must use one of the three header graphics above the WTS feed
 - WTS feed must use a white background color
 - Feed content should be left aligned with the left edge of the ENERGY STAR Certification Mark
 - Full tip content must be displayed, with any accompanying hyperlinks
 - Feed must show at least one and at most five tips at all times
 - If there are more relevant tips than fit in the allocated space, tips can be randomized within the selected grouping





Example Comps

CADMUS

[Contact Us](#)
[Careers](#)
[News](#)
[Client Login](#)

OUR COMPANY
OUR MARKETS
OUR SERVICES
OUR KNOWLEDGE

Our Services

Business Resilience

Climate Security, Adaptation, and Resilience

Energy Services

Clean Energy Finance Program Support

Data Center Market Characterization and Evaluation

Demand Response Evaluation

Demand-Side Resource Integration

Energy Audits

Energy Efficiency Codes and Standards

Energy Efficiency Evaluation, Measurement, and Verification

Energy Program Planning and Design

Energy Sector Resilience

Load Research & Forecasting

Portfolio Energy Audits

Renewable Energy

Smart Grid Analytics

High Performance Building Consulting

International Development Assistance

Program Management

Regulatory Support

Research and Evaluation

Scientific and Risk Analysis

Strategic Communications

Sustainability Consulting

Training and Technical Assistance

Energy Program Planning and Design

Cadmus offers strategic and analytic services to support utility integrated resource planning and program development for electric and natural gas utilities. Our utility clients rely on us to help them meet regulatory requirements and energy-resource standards.

Our multidisciplinary team works with utilities in:

- Assessing long-term technical, economic, and market potential
- Developing robust demand-side management (DSM) portfolios
- Evaluating DSM resource portfolio options
- Designing programs and delivery mechanisms
- Determining measure-, program, and portfolio-level cost-effectiveness.
- Conducting technology assessments and feasibility studies
- Preparing expert testimony and regulatory filings

Cadmus has created some of the most sophisticated tools in the industry, designed specifically for the analysis and forecasting of energy-efficiency and demand-response options. Our custom software includes:

- DSM Portfolio Strategist, a tool for calculating potential
- DSM Portfolio Pro, a tool for determining the cost-effectiveness of various options

Power manage my computer and monitor

Enable your computer and monitor to sleep while not in use. Check to ensure your power management settings are activated by following a couple of simple steps. If all U.S. homes power managed computers and monitors, we would prevent more than 13 billion lbs of greenhouse gas emissions.

Choose ENERGY STAR certified light bulbs

Replace 1 incandescent light bulb with an ENERGY STAR certified LED bulb. To get the energy efficiency and performance you expect, always look for the ENERGY STAR label. An ENERGY STAR certified light bulb uses about 70 to 90 percent less energy and lasts 10-25 times longer. Most ENERGY STAR LED bulbs are dimmable. Check the package for more information.

Articles ▶

Presentations ▶

In Advocacy Communications
www.crosbymarketing.com/about-us/news-and-views/advocacy-communications-frame-can-best-tool/

HOME > ABOUT US > NEWS AND VIEWS > IN ADVOCACY COMMUNICATIONS, A FRAME CAN BE YOUR BEST TOOL

In Advocacy Communications, a Frame Can be Your Best Tool

by Jeff Rosenberg, MSW

At a policy symposium on a hot-button issue this past election season, I heard a senior government leader say that messaging can make or break public policy. His point: politicians are swayed by a powerfully told story

WAYS TO SAVE TIPS

Power manage my computer and monitor

Enable your computer and monitor to sleep while not in use. Check to ensure your power management settings are activated by following a couple of simple steps. If all U.S. homes power managed computers and monitors, we would prevent more than 13 billion lbs of greenhouse gas emissions.

Stay in touch with Crosby Connects, our e-newsletter.



How to Get Started?

- Ways to Save Tips web service will be available at:
energystar.gov/waystosavetips
 - This page will allow users to select preferences related to tips, such as product type.
 - Product specific selections would provide a custom URL with relevant tip content (ex. energystar.gov/esapi/tips?category=lightbulbs)



Home

Choose Category Options to generate your custom URL:

How would you like your tips?

JSON (tips will be delivered in JSON format)

Javascript (code that can be embedded on your site)

Appliances (check all)

- Clothes Dryers (1)

Electronics (check all)

- Displays (2)
- Sel-log Boxes & Cable Boxes (1)
- Slates and Tablets (2)

Heating & Cooling (check all)

- Air-Source Heat Pumps (2)
- Boilers (2)
- Central Air Conditioner (2)
- Seal and Insulate (1)



Lighting (check all)

- Light Bulbs (1)

Office Products (check all)

- Computers (2)
- Imaging Equipment (1)

Download the following headers for use:

-  **WAYS TO SAVE TIPS**
-  **WAYS TO SAVE TIPS**
-  **WAYS TO SAVE TIPS**



Resources

- energystar.gov/productfinder
 - Product finder tools
 - Guide on creating filters and visuals
 - Macro for segmenting additional models
- data.energystar.gov
 - Product lists and API field names
 - EPA-created filters, charts, and graphs
- data.energystar.gov/developers
 - ENERGY STAR Products API essentials
 - Getting started with APIs
- [ENERGY STAR Products API](#) Google Group
- energystar.gov/best-value-finder
- energystar.gov/mostefficient
- Ways to Save Tips Web Service: energystar.gov/waystosavetips



Thank You!

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Don't know your account manager? Contact
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