



ENERGY STAR® Lighting Newsletter

LIGHTING THE WAY TO A BRIGHTER FUTURE

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ENERGY STAR Celebrates 20 Years!

The U.S. Environmental Protection Agency (EPA) launched the ENERGY STAR label in 1992 with a goal to reduce greenhouse gas emissions. Since that date, almost 20,000 ENERGY STAR partners have helped Americans save nearly \$230 billion on utility bills while also preventing more than 1.7 billion metric tons of greenhouse gas emissions. Now covering over 60 product categories, the ENERGY STAR label is recognized by over 80% of Americans as a symbol for superior energy efficiency and is a trusted source for non-biased information.



The first ENERGY STAR specification for residential light fixtures (RLF) was introduced in 1997. The goal was to offer consumers an efficient lighting option with no sacrifice in performance. The initial focus on fixtures was intended to help address issues such as fit and aesthetics, so the fixture and bulb could be designed in an integrated way.

The ENERGY STAR program and its partners achieved early success with torchieres. Conventional halogen torchieres consumed 300 to 500 watts and were a fire hazard; some events even showcased firemen frying eggs on the heat emitted from them! By September 1999, one million ENERGY STAR qualified torchieres had been sold.

Also in 1999, the U.S. Department of Energy (DOE) launched an ENERGY STAR specification for compact fluorescent light bulbs (CFLs), garnering greater support from utilities and energy efficiency programs given that bulbs were replaced more frequently than fixtures. Similar to the fixture criteria, this specification set the first benchmark for energy efficiency, quality, and performance in CFLs and required that all products be tested by an accredited laboratory. Over the years and through numerous revisions, the ENERGY STAR lighting specifications tackled the full range of performance issues.



More than a decade ago, ENERGY STAR partners collaborated on the first “Change a Light, Change the World” campaign, educating consumers on the benefits of changing to ENERGY STAR qualified lighting. The successful campaign lasted seven years and educated millions across the country.

Throughout the years, DOE and EPA focused on using strict performance standards, while also working with industry stakeholders to develop entirely new tests when needed. With each revision to the ENERGY STAR program requirements, both the quality of the products and consumer satisfaction increased.

Today, satisfaction with CFLs is no longer a major concern, with national surveys finding more than 80% of consumers “satisfied” or “very satisfied” with CFL performance. Household penetration is also on the rise. In 2009, 68 million households (60%) had at least some energy-efficient CFL or light-emitting diode (LED) lights. Savings from ENERGY STAR qualified CFLs and fixtures are expected to reach 66 billion kWh per year in 2012, reducing annual electric bills by \$6.4 billion and greenhouse gas emissions by 46 million metric tons.

As efficient lighting choices expand, the ENERGY STAR program remains committed to quality and to ensuring that products meet consumer expectations. A recent *Consumer Reports* article on CFL and LED bulbs found that problems with earlier versions have been overcome and stated that “ENERGY STAR qualified bulbs meet high standards for brightness, color, and energy use.” Their buying advice: choose ENERGY STAR.

Thank you to all of our ENERGY STAR lighting manufacturing partners, showrooms, retailers, efficiency program participants and stakeholders for making this success possible! We look forward to continued progress tackling the remaining for energy-savings potential through ENERGY STAR qualified lighting!

You can learn more about the power, promise, and progress of the ENERGY STAR partnership at www.energystar.gov/20th. EPA invites partners to join in the celebration by using a specially-developed ENERGY STAR 20th Anniversary promotional mark. Guidance for using the mark can be found [here](#) and partners can download marks through their My ENERGY STAR Account.

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ENERGY STAR Third-Party Certification Update

The third-party certification (3PC) process is running smoother than ever in 2012. With a year of experience under their belts, EPA-recognized certification bodies (CBs) have significantly reduced turnaround times and labs continue to increase staffing and capacity to meet demand.

So just how long does it take to get a product certified? The answer depends on the product and where it is in the process, but assuming all testing and paperwork is complete and free of errors, certification bodies say processing ranges from 24 hours to approximately two weeks. Timing is highly dependent on a certification body’s work load and the completeness of a product submission.

Product Category	Certified in 2011	Certified in 2012	Total Lighting Products Certified through new 3PC Process
CFLs	191	99	290
LED Lamps	357	241	598
Luminaires	166	377	464
Decorative Light Strings	1462	40	1502
Subcomponents (not counted as certified products)	190	221	411

For example, when new specifications, such as Luminaires V1.1, become effective, CBs may feel the strain as there is a big push for qualification and re-qualification efforts. This increased workload can mean delays. Other common reasons for delays include incomplete submissions and packaging changes. Once a CB certifies a product meets an ENERGY STAR specification they send the data to EPA to be uploaded to the qualified products lists (QPLs) at www.energystar.gov.

Lists are currently updated **weekly for bulbs** and **twice a month for fixtures** (around the first and the middle of the month). By the end of 2012, all product lists should be updated on a daily basis. Until then, if proof of ENERGY STAR certification is needed during the brief lag times between certification and appearing on the QPL, CBs can provide a letter of certification.

Frequently asked questions about this, and other topics, can be found online [here](#), where you can subscribe to receive updates.

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2012 ENERGY STAR Award Winners

The 2012 ENERGY STAR Awards Ceremony was held at the Marriott Wardman Park Hotel in Washington D.C. on March 15, 2012. Lisa P. Jackson, EPA Administrator, was on hand to give the keynote speech about the success and importance of ENERGY STAR in saving consumers money and protecting the environment.



Congratulations to the following winners for lighting:

GE Appliances and Lighting – ENERGY STAR Award for Sustained Excellence



imagination at work

Winning ENERGY STAR Partner of the Year for the eighth time, GE Lighting and Appliances continues to go above and beyond. Highlights include:

- Offering a total of 500 lighting models that have earned the ENERGY STAR
- Educating more than 9,000 distributors, utilities, business managers, and citizens across 45 cities about ENERGY STAR qualified light bulbs through its tradeshow on wheels, "The GE Lighting Revolution"

Good Earth Lighting – Excellence in ENERGY STAR Promotion

Good Earth Lighting was recognized for excellent consumer education efforts and demonstrating that energy efficient lighting can be designed, manufactured, and sold at competitive prices, even during periods of weak national economic activity. Highlights include:



- Offering more than 400 ENERGY STAR qualified models in 2011 including an entire decorative fixture product line that has earned the ENERGY STAR
- Educating end-users about the benefits of ENERGY STAR qualified lighting through in-store events and by working with retailers to develop and display product signage

Sea Gull Lighting Products, LLC – Excellence in ENERGY STAR Promotion

Sea Gull Lighting was recognized for their outreach to the new construction/builder market. Highlights include:



- Partnering with builders, architects, and developers to install ENERGY STAR qualified light fixtures and ceiling fans in a variety of projects
- Holding training sessions and webinars for all of its sales representatives on the benefits of ENERGY STAR products and new product developments.

Winners are highlighted in the [Profiles in Leadership: 2012 ENERGY STAR Award Winners](#) publication.

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ENERGY STAR Luminaires Specification Now Effective



Combining the scope of the Solid-State Lighting (SSL) Version 1.3 specification and the Residential Light Fixtures Version 4.2 specification, the [Luminaires Version 1.1](#) (V1.1) specification became effective on April 1, 2012.

Only those light fixture models that have been third-party certified as meeting the Luminaires V1.1 requirements now appear on the ENERGY STAR qualified product list. Fixtures qualified under the previous specifications will **not** be “grandfathered in” to this new specification.

Manufacturers have been qualifying products to this specification since September 15, 2011. This included new fixtures and previously qualified fixtures that are being re-

qualified to the new specification.

Effective April 1, 2012, manufacturers may no longer label fixture models that were qualified to the old specifications, unless they have been certified to meet Luminaires V1.1. This applies to product packaging and promotional literature (print or electronic). The EPA recognizes that labeled units manufactured before April 1, 2012 and qualified to the old specifications will continue to carry the ENERGY STAR certification mark while they sell through the marketplace. Utilities may continue to provide incentives for those units.

2012 ENERGY STAR Products Partner Meeting

Celebrate the 20th anniversary of ENERGY STAR and engage with industry stakeholders at the annual meeting for lighting, appliance, and electronics partners to be held **October 22–24, 2012 in St. Paul, Minnesota**.



This three-day meeting will include a variety of topics covered in plenary, topical, and campaign sessions. ENERGY STAR product displays and the opportunity to interact and conduct one-on-one networking meetings with other ENERGY STAR stakeholders.

Help build your agenda for the Partner Meeting! Input is being sought right now! Send any ideas and potential speakers to [Taylor Jantz-Sell](mailto:Taylor.Jantz-Sell) by **Tuesday, April 10, 2012**.

Interested in sponsorship opportunities? Please contact Elizabeth Caiafa, ICF International, at ecaiafa@icfi.com for more information.

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Efficient Lighting Creating U.S. Jobs



A recent [case study](#) released by the Natural Resources Defense Council (NRDC) highlights how efficient lighting is spurring job growth in Ohio.

Not far from the birthplace of Thomas Edison, lighting companies including ENERGY STAR partners GE and TCP, among others, are creating jobs and sales and improving their economy.



imagination at work

In a recent American Council for an Energy Efficient Economy (ACEEE) study titled [Appliance and Equipment Standards Job: A Money Maker and Job Creator](#), it was said that "federal lighting and appliance standards were, in 2010, responsible for the creation of 340,000 U.S. jobs including 12,600 in Ohio."

Some highlights from the NRDC *Better Bulbs, Better Jobs* case study include:

- In 2010, Cleveland had nearly 1,000 workers making more efficient incandescent (halogen) light bulbs, CFLs, and LEDs
- Ohio currently has more than 105,000 jobs in its clean economy, including more than 1,500 jobs manufacturing, promoting, and installing energy efficient lighting
- In addition to jobs, these lighting products also provide savings to Ohio consumers and put more money into the economy as families and business spend less on their electric bills and more on other goods and services

Utility companies that provide incentives and rebates to bring down the cost even further help keep money in the community, while also providing jobs and spurring innovation.

If you have stories about how energy-efficient lighting is creating U.S. jobs, please share with [Taylor Jantz-Sell](mailto:Taylor.Jantz-Sell). Let's spread the good news!

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More Rebates Available for LED Bulbs

The Pacific Gas and Electric Company (PG&E) is excited to announce the company's first rebates for residential LED products through the Residential Advanced Lighting Program. Specifically, PG&E will now begin providing rebates for ENERGY STAR qualified **LED MR 16, PAR 20, PAR 30, and PAR 38** replacement lamps at the following maximum incentive levels:

LED Product Type	MR 16	PAR 20	PAR 30	PAR 38
Maximum Rebate Amount	\$5.00	\$5.00	\$10.00	\$10.00

If your company would like to participate in this program, and you have not heard from PG&E directly, please contact Winsey Kan at winsey.kan@pge.com or (415) 973-8981 to receive further information about how to participate in this utility program.

An important tool for manufacturer and retailer partners to learn about rebates is the [ENERGY STAR Summary of Lighting Programs](#), annual compilation of lighting programs updated each fall.

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Light Bulb App Adds More ENERGY STAR Qualified bulbs!: Finding the Right Light Bulb Just Got Easier!



Find efficient lighting efficiently with the Light Bulb Finder, a free mobile phone application that makes it easy to switch from conventional light bulbs to energy-saving equivalents with the right fit, style, and light quality.

View bulb images, cost, savings, and environmental impact. Create shopping lists and buy bulbs directly through the app or at local stores.

Download the app [here](#) or through your mobile device store.

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ENERGY STAR at LIGHTFAIR

Visit ENERGY STAR at booth #1025 at LIGHTFAIR® International (LFI) coming up this May 7-9, 2012 at the Las Vegas Convention Center. Representatives will be on hand to answer partners' questions and to see the latest in technology.

LIGHTFAIR is the world's largest annual architectural and commercial lighting trade show and conference. Attendees include architects, lighting designers, specifiers, utilities, and energy service professionals coming to see new products and the latest in technology and design as presented by nearly 500 of the leading manufacturers. Products include the latest in LED lighting, controls, fixtures, ballasts and luminaires, both indoor and out.

Contact Kirsten Murray at kmurray2@icfi.com to schedule a meeting while onsite.

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New Fact Sheet for Regulators

Looking for something short and concise to present the realities of the lighting landscape to your regulators?

EPA has created a fact sheet for regulators, summarizing important pieces from the [Next Generation Lighting Programs](#) report released late last year. Contact your ICF account manager or [Kirsten Murray](#) for a copy.

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LM-82 Available for Purchase

IES LM-82-12, *Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature*, has been published and is available for purchase at www.ies.org. Laboratories may now apply EPA recognition under the Solid State (Non-directional) lighting category that includes the LM-82-12 method of measurement as soon as the required accreditations have been obtained.

For details on the categories that require LM-82-12, such as other methods of measurement and reference documents required for recognition to those categories, see section 3.1.3 of the updated [ENERGY STAR Guide to EPA Laboratory Recognition by Lighting Category](#).

Also, please note that the EPA has updated the ENERGY STAR Guide to EPA Laboratory Recognition by Lighting Category to provide clarification regarding the process and the required accreditations for lighting laboratories by category. This guide is available on the EPA third-party certification website at www.energystar.gov/3rdpartycert under [laboratory resources](#). The laboratories resources page also includes steps on how accredited laboratories can update their categories for EPA recognition.

Please direct any questions about this guide to Certification@energystar.gov.

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My ENERGY STAR Account Tool: Keep ENERGY STAR Up to Date with Your Company's Personnel Changes

[Home](#) > [Partner Resources](#) > [Login to My ENERGY STAR Account](#)

Login to My ENERGY STAR Account

User Name: *

Password: *

[login](#)

My ENERGY STAR Account (MESA) is a tool for ENERGY STAR partners and stakeholders to keep their contact information current and access program resources like the ENERGY STAR logos. Maintaining up-to-date contact information in MESA ensures that partners receive important communication from EPA.

For example, EPA relies on the contact information partners maintain in MESA to distribute reminders about the submission of unit shipment data (USD), an annual requirement of partnership for manufacturers. Incorrect contact information can result in a failure to receive such important announcements. Log into MESA at www.energystar.gov/mesa to ensure your information is up to date.

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Helpful Reminders: ENERGY STAR Website Shortcuts

The ENERGY STAR website is always being updated with the latest information to keep you up-to-date. Bookmark the links below to take you straight to where you need to go!

www.energystar.gov/lighting Takes you to the consumer-facing page for all ENERGY STAR lighting products.

www.energystar.gov/luminaires Takes you to the page for Luminaires specification development.

www.energystar.gov/lamps Takes you to the page for Lamps specification development.

www.energystar.gov/3rdpartycert Takes you to the main page for information regarding EPA's third-party certification requirements for ENERGY STAR.

www.energystar.gov/lightinglabs Takes you to the main page for EPA-recognized lighting laboratories and certification bodies.

www.energystar.gov/lightingfaqs Takes you to a searchable database of frequently asked questions and clarifications about certifying lighting products.

www.energystar.gov/lightingresources Takes you to the partner landing page for all ENERGY STAR lighting products.

Email: luminaires@energystar.gov or lamps@energystar.gov

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For more information, visit: www.energystar.gov or [email us!](#)
Are there topics you'd like to see in the next lighting newsletter?
Contact [Taylor Jantz-Sell](#) and let her know!