

ENERGY STAR® Commercial Food Service Newsletter—Spring 2024



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Congratulations ENERGY STAR Product Brand Owners!



Each year, the U.S. Environmental Protection Agency (EPA) honors a group of businesses and organizations that have made outstanding contributions to protecting the environment through superior energy efficiency achievements. ENERGY STAR Award winners lead their industries in the production and sale of energy-efficient products and services, and in the development and adoption of strategies that provide substantial savings in commercial buildings. Information on this year's CFS award winners and award categories can be found below:

Partner of the Year - Sustained Excellence: The highest honor among ENERGY STAR Awards is the ENERGY STAR Partner of the Year—Sustained Excellence Award. EPA presents the Sustained Excellence Award to partners that have already received ENERGY STAR Partner of the Year recognition for a minimum of two consecutive years and have gone above and beyond the criteria needed to qualify for recognition. Congratulations [True Manufacturing](#), [Welbilt](#), [ITW Food Equipment Group](#), and [Hoshizaki America Inc!](#)



Partner of the Year: This award recognizes ENERGY STAR partner businesses and organizations in good standing that demonstrate superior leadership, innovation, and commitment to environmental protection through energy efficiency and ENERGY STAR. Congratulations [Rational](#), [Jackson Warewashing Systems](#), [Continental Refrigerator](#), and [Minus Forty QBD Corp!](#)



Excellence in Marketing: The award recognizes ENERGY STAR partners that planned and executed a successful ENERGY STAR energy-efficiency marketing effort. Congratulations [Howe Corporation!](#)



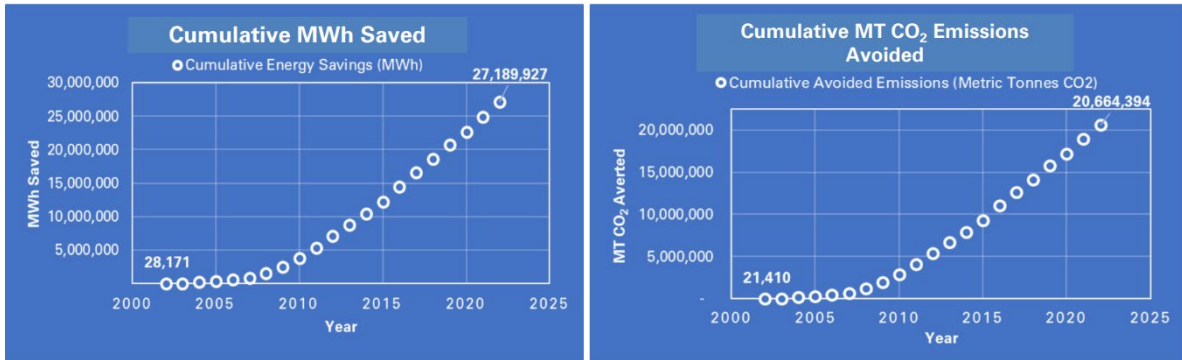
Celebrating Over 22 Years of ENERGY STAR Partnership with the Commercial Food Service Industry – November 1, 2023!

On November 1st, 2023, the U.S. Environmental Protection Agency (EPA) hosted a celebratory event at its headquarters in Washington, D.C. commemorating over 22 years of ENERGY STAR partnership with the commercial food service industry. The partnership started with the commercial refrigerators and freezers product specification published in 2001 and the CFS portfolio since then has grown to include a total of [ten product categories](#). We used the opportunity to discuss and celebrate these and many other environmental and energy-saving contributions of the CFS industry, highlighting major milestones and successes, where the program is today, and where it is expected to grow.



Paul Gunning, Office Director of the Office of Atmospheric Protection at the EPA, welcomed participants to the event. He was followed by a panel of industry speakers moderated by Charlie Souhrada, VP of Regulatory and Technical Affairs at NAFEM. Industry speakers included David Zabrowski (Frontier Energy), Charles Hon (True Manufacturing), Dipak Negandhi (A.O. Smith), and Andre Saldivar (Southern California Edison).

Cumulative MWh Saved and MT CO₂ Emissions Avoided Over 22+ Years



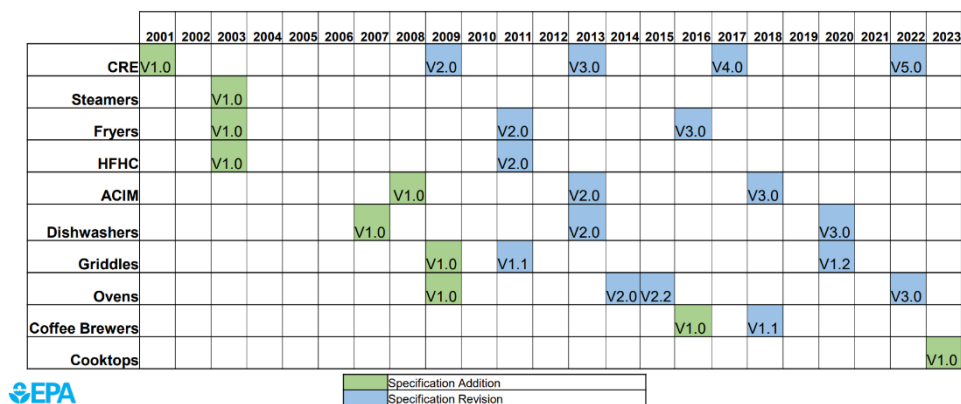
As shown in the figure above, the purchase and use of ENERGY STAR certified CFS equipment saved nearly 30 million MWh of energy and offset over 20 million metric tons of carbon dioxide emissions between 2001 and 2022. As shown in the figure below, energy savings have been on an upward trend since the program's inception, with an estimate of more than 2 million MWh saved in 2022 alone. The graphic below also indicates the incremental energy savings as new specifications were added to the CFS portfolio, such as steam cookers, fryers, and hot food holding cabinets in 2004, ice makers and commercial dishwashers in 2008, and griddles and commercial ovens in 2009.

Annual MWh Saved Over 22+ Years



A complete history of CFS specifications and revisions can be found in the figure below:

Timeline: Specification Additions and Revisions



The event concluded with Tanja Crk (EPA) and Adam Spitz (ICF) reminding participants that ENERGY STAR is a market transformation program which works with a network of partners to remove market barriers to energy efficient technology adoption by increasing awareness, availability, and uptake of energy efficient options. The program is flexible, responding to changes in the market quickly aided by conversations and input from program partners. With that in mind, partners are encouraged to continue to leverage the ENERGY STAR label to sell more energy efficient products, to collaborate on test method development at ASTM F26 committee meetings, to share performance data as data assembly calls come up, to reach and encourage participation from dealers and distributors, to participate in scoping and product specification development process, to cross-promote ENERGY STAR at trade shows, on social media, and company websites, and to apply for the ENERGY STAR Partner of the Year Award to receive recognition for your many efforts!

Presentation slides from the event are located on the [CFS landing page](#).

Updated CFS Equipment Calculator



The CFS Equipment Calculator, an excel-based tool that estimates the energy and cost savings from purchasing ENERGY STAR certified CFS equipment, has been updated to reflect recent product specification changes including commercial ovens (version 3.0), commercial dishwashers (version 3.0), commercial refrigerators and freezers (version 5.0) and the addition of commercial electric cooktops (version 1.0). The calculator continues to be featured among our row of widgets, including [Product Finder](#), the [Dealer/Distributor Finder](#), and [Rebate Finder](#) on the [CFS Landing Page](#). You can also still find the calculator on the [ENERGY STAR webpage Energy-Efficient Products for Commercial Buildings](#). If you have any questions about how to use the CFS calculator please email CFS@energystar.gov.

Specification Updates

The Environmental Protection Agency (EPA) regularly updates ENERGY STAR product specifications. For every specification, product performance data submissions from partners are foundational to the process. Proposed efficiency levels tend to be based on the performance of existing certified models and data offered by manufacturers and other stakeholders during the specification development process. Establishing requirements that reflect the performance of the highest efficiency models available sometimes requires going beyond the data at hand and anticipating the market. To this end, the EPA relies

on insights shared by stakeholders and partners to help the Agency anticipate important trends in the market. For more information, you can view the EPA’s ENERGY STAR specification Standard Operating Procedure on [Revising or Establishing an ENERGY STAR Product Specification](#).

The following information includes some helpful reminders as you prepare for upcoming specification changes and manage your inventory of ENERGY STAR certified products. For more information regarding the ENERGY STAR specification process or additional CFS equipment updates, visit www.energystar.gov/productdevelopment. For milestones on these and other upcoming specification revisions in 2024, visit the [ENERGY STAR Workplan](#).

Recent and upcoming specification activities include:

Commercial Electric Cooktops Version 1.0 Published August 31, 2023

ENERGY STAR certified commercial electric cooktops under the Version 1.0 specification will offer users, on average, energy savings of approximately 10 percent (per hob) from standard electric units. This specification introduces a minimum cooking (boil) energy efficiency performance level of 80% for eligible commercial electric cooktops and a lifetime electricity savings of 1,800 kWh, lifetime energy savings of \$200, and lifetime emissions reductions of 2,800 lbs. of CO₂.

The ENERGY STAR Version 1.0 specification’s scope includes products that meet the definition of a commercial electric cooktop, including commercial electric ranges. A commercial electric range may be certified if the commercial cooktop portion of the unit meets the criteria set forth in the [Version 1.0 Specification](#) and the commercial electric oven portion is certified to the [ENERGY STAR Commercial Ovens specification](#) version currently in effect.

The specification development process was initially launched on February 24, 2021 with a Discussion Guide document followed by multiple webinars and iterations of the draft specification, prior to its final publication on August 31, 2023. For more information on the specification development process, please visit:

[Commercial Electric Cooktop Version 1.0 | Products | ENERGY STAR](#)

Commercial electric cooktops product brand owners are encouraged to [apply for ENERGY STAR partnership](#) and certify products to this product specification. For reference, UL is currently available as an EPA-recognized Certification Body (CB) to certify commercial electric cooktops.

Featured Article: “Unpacking ENERGY STAR” with FE&S



The ENERGY STAR message was featured in the January 2024 edition of the Foodservice Equipment & Supplies as a [web article](#) and in the [digital edition](#). The article is entitled “Unpacking ENERGY STAR” and begins with the following inspiring message: In an era where sustainability and energy efficiency are paramount, businesses are increasingly seeking out practical ways of reducing their energy use, operating costs and carbon footprint.

While energy efficiency stands to benefit nearly any modern business, it is particularly valuable to the restaurant and commercial foodservice industry, where businesses utilize a wide range of energy-intensive commercial kitchen equipment, simultaneously and for long periods of operation. With the list of commercial kitchen equipment continually evolving, robust energy-efficiency programs, like ENERGY STAR, can help to simplify this process for businesses while yielding significant energy and cost savings.

Featured Program: EcoChef™



Chef Christopher Galarza is the country's foremost expert in commercial kitchen electrification and is the Founder/CEO of Forward Dining Solutions consulting firm. He is also the American Culinary Federation President of the Pittsburgh Chapter who has co-founded and developed a new sustainable commercial kitchen certification and rating system called EcoChef™. The goal of the certification is to “standardize how commercial kitchens are designed, built, and operated” with emphasis on energy efficiency best practices, indoor air quality, workplace safety and comfort, food waste reduction, and innovation.

In addition to his work with EcoChef™, Chef Galarza has championed sustainability integration into educational curricula. He has developed two distinct programs: one tailored for professionals in architecture, engineering, sustainability, hospitality, and political science; and another focused on culinary education for aspiring chefs and industry professionals. These initiatives ensure that future generations of culinary leaders are equipped with the requisite knowledge and skills to drive the industry towards a more environmentally sustainable future.

For further information, please contact Chef Chris at CGalarza@ForwardDiningSolutions.com

Past Industry Events

Site Visit to Continental Refrigerator



Representatives from the CFS ENERGY STAR team toured two Continental Refrigerator manufacturing facilities in Bensalem, PA on October 31, 2023. The team was able to engage with this long-standing ENERGY STAR partner on its advocacy efforts and wide range of product offerings, including multiple [ENERGY STAR certified products](#) on display as well as space-saving product assembly and insulated testing chambers.

Continental highlighted the importance of the ENERGY STAR program to manufacturers, especially small businesses. Additional participants included Southern California Edison, Intertek, and Schmid Dewland Associates. Along with Continental Refrigerator and these other stakeholders, the ENERGY STAR team investigated opportunities to support partners and the ENERGY STAR program.



ASTM Meeting

The ENERGY STAR team attended the American Society for Testing and Materials (ASTM) Committee F26 on Food Service Equipment meetings on November 2 and 3, 2023 in Washington, D.C. and presented ENERGY STAR CFS updates. The meetings included discussions regarding various standard test methods and specifications. For more details about the ASTM F26 Committee visit <https://www.astm.org/committee-f26> and contact [Krista Robbins](#).



Upcoming Industry Events

- [ASTM](#) April 2024 Committee Week in Philadelphia, PA, April 9-10, 2024
- [ENERGY STAR awards celebration](#) in Washington, D.C., April 25, 2024
- [National Restaurant Association \(NRA\) Show](#) in Chicago, IL, May 18-21, 2024
- NAFEM Technical Liaison Committee (TLC) meeting (register [here](#)) in Chicago, IL, May 20, 2024
- [ASTM](#) F26 May 2024 Meeting in Chicago, IL, May 21, 2024

CFS ENERGY STAR Team Members – Welcome and Good-Bye!



Join us in welcoming Lawrence (or Larry) Lesser, who is the new ICF Outreach and Marketing lead for ENERGY STAR Commercial Food Service. Larry has been with ICF working under contract to support the EPA's ENERGY STAR program for about 3 years, but just recently transitioned into this new leadership role. Larry is excited to take on this new work and learn more about the CFS industry and the potential for market transition towards a cleaner energy future!

We'd also like to welcome and introduce Nick Schuder, who is a new ICF Senior Energy and Sustainability Marketing and Sales Specialist working under contract to support the ENERGY STAR program. In addition to his supporting roles for HPWH and HVAC, Nick will also be supporting ENERGY STAR CFS specialty marketing projects and other stakeholder engagement collaboration.



We are bidding farewell to Tanja Crk who has been the commercial food service product manager at the EPA's ENERGY STAR for nearly six years. She is proud of the tremendous amount of work the CFS team accomplished with the help of dedicated and engaged ENERGY STAR partners; and she is grateful for the opportunity to learn from leaders in this industry. She will continue to work at the EPA but in another voluntary program, the Urban Waters Federal Partnership, as the Federal Agency Coordinator. She continues to be a resource for you in this capacity and encourages partners and stakeholders to stay in touch!

Contact List

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Nick Schuder, ICF (Welcome!)

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ENERGY STAR® is the simple choice for energy efficiency. For more than 30 years, the EPA's ENERGY STAR Program has been America's resource for saving energy and protecting the environment. Join the millions making a difference at www.energystar.gov today.

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