

2022 ENERGY STAR® AWARDS



Profiles in Leadership

ENERGY STAR. The simple choice for energy efficiency.



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Partner of the Year: Sustained Excellence

Energy Efficiency Program Delivery

AEP Texas Corpus Christi, Texas

AEP Texas is an electric utility serving southern and western Texas. In 2021, the utility partnered with builders and home energy rating companies to incentivize the construction of more than 120 ENERGY STAR® certified homes, for a total of nearly 3,200 since joining the program. Key 2021 accomplishments include:

- Implementing a wide-ranging, ENERGY STAR-focused strategic English/Spanish bilingual marketing campaign that included native display, local radio, and digital magazine ads resulting in nearly 10 million impressions.
- Allocating 14% of the program's incentive budget to recruit diverse, minority, and women-owned builders, while providing marketing and training materials in Spanish to strengthen its internal Supplier Diversity Initiative.
- Reaching nearly 34,000 pageviews on the SouthTXSaves.com website, which included the ENERGY STAR HVAC Guide and the new ENERGY STAR Home Upgrade Tool, to further educate consumers about energy efficiency.
- Conducting more than 105 virtual meetings with builders and energy rating companies to directly mentor them on meeting program requirements and updates.
- Introducing and incentivizing ENERGY STAR smart thermostats, obtaining more than 170,400 kWh in savings.

Austin Energy Austin, Texas

Austin Energy is a municipal electric utility. Austin Energy increased participation in Home Performance with ENERGY STAR® more than 10 percent over the previous year and offered financing up to \$20,000 through Velocity Credit Union for home performance improvements. Key 2021 accomplishments include:

- Delivering more than \$1 million in rebates for Home Performance with ENERGY STAR customers and investing close to \$3 million on weatherization projects benefiting low-to-moderate income customers.
- Reaching a cumulative of 25,000 projects through the Home Performance with ENERGY STAR program.
- Working with the Austin Board of REALTORS® to educate real estate professionals about Home Performance with ENERGY STAR.

Baltimore Gas Electric Baltimore, Maryland

Baltimore Gas and Electric is an electric and gas utility. In 2021, the BGE Smart Energy Savers Program offered a wide range of ENERGY STAR® offerings to empower residential and commercial customers to reduce their energy usage through retail-, distributor-, and contractor-based opportunities. Key 2021 accomplishments include:

- Requiring ENERGY STAR certification in more than 20 product categories as the basis for programs serving residential and commercial customers, including small business customers. BG&E leveraged multiple delivery channels and incentive mechanisms (e.g., bulk purchase, instant discounts, buy-downs, and midstream incentives) to maximize market opportunities.
- Conducting a large-scale pilot of its smart home energy management system, resulting in the first system to receive ENERGY STAR certification.
- Supporting the construction of nearly 3,000 ENERGY STAR certified homes, for a cumulative total exceeding 29,000, while expanding their program to offer additional incentives for homes that include ENERGY STAR certified smart thermostats, HVAC equipment, and water heaters.
- Reducing energy use through Home Performance with ENERGY STAR™ by an additional 18% for electricity and 25% for natural gas, resulting in the program's highest energy savings to date.
- Implementing more than 25,000 direct install measures during audits offered through Home Performance with ENERGY STAR.
- Completing 118 projects through its Building Tune-up program with financial incentives for ENERGY STAR Portfolio Manager® benchmarking, on-site analysis, and improvements to optimize building operations and maintenance.

Black Hills Energy Arkansas **Rapid City, South Dakota**

Black Hills Energy Arkansas is a natural gas utility. In 2021, Black Hills Energy completed over 1,400 home energy assessments and upgraded 680 homes through its Home Performance with ENERGY STAR® program, a new record for its program. Key 2021 accomplishments include:

- Collaborating with Southwestern Electric Power Company to jointly deliver home performance measures, contractor trainings, marketing events, and quality assurance inspections.
- Developing a case study to share the benefits of Home Performance with ENERGY STAR with homeowners.
- Leveraging the ENERGY STAR brand in social media and marketing materials offered in English and Spanish.

BOMA International **Washington, District of Columbia**

BOMA International is a trade association for commercial real estate professionals. BOMA maintained its leadership in promoting ENERGY STAR® resources to the real estate industry to help members meet sustainability objectives and communicated key messages on how to navigate the challenges of the COVID-19 pandemic. Key 2021 accomplishments include:

- Continuing to provide industry leadership and insight into challenges faced during the COVID-19 pandemic and assisting EPA with communicating ENERGY STAR guidance and updates to ENERGY STAR certification and benchmarking.
- Launching a new carbon reduction initiative to help industry organizations reach their GHG emissions goals, including a policy statement, a consultative document to share resources and best practices, and a challenge program to encourage benchmarking of emissions data.
- Expanding its class B/C outreach program to deliver best practices and information on energy efficiency strategies to smaller buildings and those with fewer resources.
- Establishing a new organizational priority to boost workforce development in the CRE industry by engaging with the federal government to advocate for energy efficiency jobs, resulting in several successes this year and additional opportunities under development.

- Prominently featuring and promoting ENERGY STAR in speeches, vlogs, BOMA Magazine, e-newsletters, webinars, and social media, reaching tens of thousands of commercial real estate practitioners.

CenterPoint Energy

Houston, Texas

CenterPoint Energy is a utility serving the greater Houston area. The company incentivized the construction of more than 3,500 ENERGY STAR® certified homes, for a total exceeding 115,000 homes since joining the program in 2001 and saving more than 450,000 megawatt-hours of energy since the program's inception. Key 2021 accomplishments include:

- Refining its corporate "Find A Builder" tool to showcase builders committed to certifying 100% of their homes as ENERGY STAR, while increasing builder participation by 5% year-over-year.
- Implementing a comprehensive ENERGY STAR promotional campaign with multiple tactics that resulted in nearly 7 million impressions, including a new Google Discovery campaign with a conversion rate of 26% to the utility's High-Efficiency Homes web portal.
- Highlighting the benefits of ENERGY STAR certified homes with blog posts that further promoted energy-saving tips and actions that customers could take to fully utilize the efficiency of their homes.
- Educating industry stakeholders through the Greater Houston Builders Association with virtual seminars and forums on better building practices, International Energy Conservation Code changes, and ENERGY STAR program updates.

Central Hudson Gas & Electric

Poughkeepsie, New York

Central Hudson Gas & Electric is an electric and gas utility. Central Hudson Gas & Electric saved over 68,000 MWh and 6,000 MMBTUs in the past year, with product programs that featured ENERGY STAR®. Key 2021 accomplishments include:

- Encouraging customers to "shop local" for ENERGY STAR certified lighting, smart thermostats, heat pump water heaters, variable speed pool pumps, and air purifiers, as well as WaterSense labeled shower heads, while prominently using the ENERGY STAR name and logo in point-of-purchase signage highlighting program offerings.
- Achieving a 200% increase in heat pump water heater incentive uptake through instant point-of-sale discounts at participating retailers and a new distributor-focused midstream pilot.
- Leveraging ENERGY STAR tools and resources to promote its energy efficiency programs, including leveraging Earth Day, ENERGY STAR Day, Flip your Fridge, and laundry promotions.

City of Columbia Water and Light

Columbia, Missouri

The City of Columbia Water and Light (CWL) is a municipal utility in Missouri. CWL boosted first-year savings and increased access to Home Performance with ENERGY STAR® by loaning equipment to contractors and offering rebates up to \$1,200 and low-interest loans up to \$15,000 for homeowners installing efficiency upgrades. Key 2021 accomplishments include:

- Providing a Home Energy Score® to all homes participating in energy efficiency programs.

- Offering free energy assessments to homeowners receiving solar installations, allowing contractors an opportunity to share the energy benefits of Home Performance with ENERGY STAR.
- Delivering 400 energy and water efficiency kits to qualifying low-moderate income customers who had previously received assistance with utility bills. The kits included kitchen and bathroom aerators, low-flow showerheads, window insulation, and caulk.

Columbia Gas of Ohio

Columbus, Ohio

Columbia Gas of Ohio is a natural gas company. Columbia Gas increased construction of ENERGY STAR® certified homes by 15%, provided no-cost improvements to 1,800 low-income households, and mitigated safety issues including gas leaks, unsafe wiring, venting problems, and cracked heat exchangers. Key 2021 accomplishments include:

- Reducing greenhouse gas emissions through its Home Performance with ENERGY STAR program by the equivalent of 867 passenger vehicles in a year.
- Increasing energy savings by 6% over 2021.
- Launching “Savings Week” as a ramp-up to ENERGY STAR Day and colder weather, leveraging multiple media channels to share information about the value of ENERGY STAR and program savings opportunities.
- Supporting the construction of nearly 600 ENERGY STAR certified homes, a 15% increase compared to 2020, and augmenting builder participation in the program by 22%.
- Upgrading its online “Find a Builder” tool to highlight ENERGY STAR builder partners and continuing to promote the program through a variety of digital marketing strategies, generating more than 900,000 impressions.
- Providing incentives for nearly 7,500 ENERGY STAR certified heating and water heating appliances and 32,000 certified thermostats.

ComEd

Chicago, Illinois

ComEd is an electric utility. ComEd offered a broad range of ENERGY STAR® programs to encourage energy efficiency across all customer segments, while expanding access to ENERGY STAR products for low-income, distressed community, and small business customers. Key 2021 accomplishments include:

- Upgrading an estimated 1,900 income-eligible single-family homes and 8,500 multifamily units with more than \$8 million in incentives for ENERGY STAR certified products including LEDs, smart thermostats, water heaters, refrigerators, freezers, and central and room air conditioners.
- Engaging nearly 700 contractors and 27 distributors in the promotion of ENERGY STAR certified central air conditioners and air source heat pumps, resulting in the installation of nearly 4,200 units—more than a quarter of units designated ENERGY STAR Most Efficient.
- Constructing and renovating nearly 600 housing units through its Affordable Housing New Construction Program, generating 1,777,000 kilowatt hours of energy savings for income-eligible customers.
- Conducting 66 ENERGY STAR Treasure Hunts through its Strategic Energy Management program, enrolling industrial customers in the ENERGY STAR Challenge for Industry, and encouraging participation in the ENERGY STAR Higher Education Benchmarking Initiative.

Con Edison

New York, New York

Con Edison is an electric, gas, and steam utility. In 2021, Con Edison achieved over 31,000 MWh in energy savings through its online marketplace alone. Key 2021 accomplishments include:

- Leveraging its long-standing retail lighting program and dedicated field representatives to promote additional ENERGY STAR® offerings including appliances, thermostats, and heat pump water heaters. The field team trains sales staff on the benefits of ENERGY STAR products and ensures proper placement of point of purchase signage.
- Collaborating with the New York State Clean Heat Program to encourage customers to take advantage of incentives for ENERGY STAR certified heat pump water heaters, which can be purchased either at retail or through a participating contractor.
- Including ENERGY STAR branding in all program marketing, including in-store signage, email campaigns, events, and advertisements.

Consumers Energy

Jackson, Michigan

Consumers Energy is an electric and gas utility. Consumers Energy integrated ENERGY STAR® certification, tools, and resources across its programs to help meet 2021 energy savings goals. Key 2021 accomplishments include:

- Facilitating rebates for over 17,000 ENERGY STAR smart thermostats in partnership with local retailers and adding new instant rebates on ENERGY STAR certified air purifiers at select retailers.
- Providing incentives for the construction of more than 370 ENERGY STAR certified homes, an increase of 9% since 2020, while also expanding the number of participating builders and home energy rating companies by 20% and 9%, respectively.
- Bolstering marketing for contractors working with Home Performance with ENERGY STAR, resulting in five contractors completing an additional 360 projects over the prior year.
- Delivering enough energy savings through Home Performance with ENERGY STAR to power 44 homes with electricity and heat 420 homes with natural gas for a year.
- Offering commercial customers a menu of ENERGY STAR services including Portfolio Manager® benchmarking and no-cost verification of applications for building certification, resulting in 48 certified properties.
- Partnering with the city of Jackson, Michigan, and key grassroots stakeholders to support a Smart Energy District and maintain Jackson's ranking in 2021 as the small city with the most ENERGY STAR certified buildings.

Delmarva Power & Light (DPL)

Washington, District of Columbia

Delmarva Power & Light (DPL) is an electric utility company serving Maryland's Eastern Shore and parts of Delaware. The utility continues to promote ENERGY STAR® across multiple program areas to drive energy savings for its customers. Key 2021 accomplishments include:

- Supporting the construction of nearly 250 ENERGY STAR certified homes and expanding builder participation in its program by 15% compared to 2020.

- Offering new incentives for “Additive Measures” in ENERGY STAR certified homes, including ENERGY STAR certified smart thermostats, HVAC equipment, and heat pump water heaters.
- Increasing energy assessments threefold over the previous year and nearly doubling the number of Home Performance with ENERGY STAR projects.
- Promoting ENERGY STAR certified products including lighting, room air conditioners, clothes washers and dryers, refrigerators and freezers, heat pump water heaters, and smart thermostats through a variety of programs and channels including retailers, contractors, and distributors, as well as its online marketplace.

Efficiency Vermont Winooski, Vermont

Efficiency Vermont is a statewide, regulated energy efficiency utility. In 2021, Efficiency Vermont achieved more than 47,000 MWh and 11,000 MMBtu in energy savings from its energy efficiency programs that promote ENERGY STAR® products, tools, and resources. Key 2021 accomplishments include:

- Increasing the sales of its ENERGY STAR Retail Products Platform program by 64%, with substantial increases in the sale of certified room air cleaners, dehumidifiers, and freezers.
- Increasing equitable access to Home Performance with ENERGY STAR with incentives up to \$3,000 for income-qualifying customers and low- or no-interest financing for efficiency improvements.
- Reducing energy use in 850 households through its Home Performance with ENERGY STAR program.
- Increasing the number of ENERGY STAR certified homes receiving program incentives by 230% compared to 2020, while also augmenting builder participation by 69%.
- Incorporating ENERGY STAR certified products, tools, and resources in comprehensive, commercial building solutions and using ENERGY STAR Portfolio Manager® to benchmark, set goals, and measure progress in programs impacting hospitals, schools, offices, and state buildings.

Energize Connecticut in partnership with Eversource Energy and AVANGRID, Inc. subsidiaries UI, SCG, and CNG Orange, Connecticut

Energize Connecticut, in partnership with Eversource Energy and AVANGRID, Inc. subsidiaries UI, SCG, and CNG, are electric and gas utilities. Energize Connecticut developed a pilot to convert customers using oil or propane heat to air-source heat pumps and maximized home performance measures with little to no cost for low-income homeowners. Key 2021 accomplishments include:

- Increasing rebates for insulation—the most impactful efficiency recommendation in Home Performance with ENERGY STAR®—to maximize energy savings.
- Offering efficiency improvements during the initial energy assessment, including direct-install measures, health and safety testing, air sealing, duct sealing, and water-saving measures.
- Providing incentives for more than 500 ENERGY STAR certified homes and apartments.
- Promoting ENERGY STAR certified heating, cooling, and water heating with independent and big box retailers, manufacturers, equipment distributors, and contractors.
- Offering enhanced incentives for heat pumps to provide pandemic relief, resulting in the installation of 12,800 air-source heat pumps.
- Adding incentives for ENERGY STAR certified lab grade refrigerators and freezers and ultra-low temperature freezers to aid Connecticut’s more than 200 healthcare research institutions in vaccine distribution and storage efforts.

Energize Delaware

Dover, Delaware

Energize Delaware is an energy efficiency initiative administered by a non-profit organization. Energize Delaware surpassed its previous record by completing more than 1,000 Home Performance with ENERGY STAR® projects, increasing energy savings by 10% over 2021, and launching a YouTube channel about energy efficiency. Key 2021 accomplishments include:

- Hosting Secretary of Energy Jennifer Granholm at a recently upgraded Energize Delaware project to celebrate one million home improvements through the Home Performance with ENERGY STAR program.
- Implementing marketing strategies highlighting ENERGY STAR including 33 livestreamed Facebook events, a YouTube channel, a virtual ENERGY STAR workshop for children about energy efficiency, an online energy assessment tool, and an online marketplace for ENERGY STAR products.
- Partnering with five nonprofits to increase energy efficiency measures in low-to-moderate income (LMI) homes and working with trade allies to complete 100 LMI projects that reduced energy use by an average of 28%.

Entergy Arkansas, LLC

New Orleans, Louisiana

Entergy Arkansas, LLC is an electric utility. Entergy Arkansas promoted ENERGY STAR® resources across its newly launched online marketplace and increased the products eligible for incentives to include additional ENERGY STAR appliances and heat pump water heaters. Key 2021 accomplishments include:

- Exceeding its energy savings goal of 84 million kWh for its product program, which requires ENERGY STAR certification for all applicable residential product categories.
- Launching a new program in conjunction with a retail partner to offer instant incentives on ENERGY STAR certified heat pump water heaters.
- Adding ENERGY STAR Most Efficient room air conditioners to its product portfolio.

Entergy New Orleans

New Orleans, Louisiana

Entergy New Orleans is an energy efficiency program administered by a New Orleans utility. Entergy New Orleans served more than 700 homes through Home Performance with ENERGY STAR® and launched an ENERGY STAR marketing campaign using paper bills, digital radio ads, social media, and email. Key 2021 accomplishments include:

- Incorporating Home Performance with ENERGY STAR benefits into outreach efforts following Hurricane Ida.
- Supporting trade allies by offering trainings and providing technology that allows immediate feedback during an energy audit and faster access to rebates.
- Recruiting and enrolling Disadvantaged Business Enterprise (DBE) contractors into the Entergy New Orleans Trade Ally Network and providing training and workforce development support to trade allies in partnership with the Urban League of Louisiana.

Entergy Texas

The Woodlands, Texas

Entergy Texas is an electric utility with a service territory across southeastern Texas. The company supported the construction of more than 500 ENERGY STAR® certified homes, an 18% increase over the previous year. Key 2021 accomplishments include:

- Increasing homebuilder participation in the program by 60% and home energy rating company participation by 29%.
- Augmenting its ENERGY STAR incentive budget by 28% and saving more than 5,000,000 kilowatt hours (kWh) of energy.
- Creating more than 12.1 million impressions through sponsored online articles in the Houston Chronicle, as well as other targeted multi-faceted social media, television, and digital marketing focused on ENERGY STAR product promotions, brand campaigns, and seasonal outreach.
- Introducing and incentivizing nearly 2,000 ENERGY STAR smart thermostats, resulting in more than 1,200,000 kWh of savings, while also offering a 3x multiplier incentive to replace standard furnaces with ENERGY STAR certified heat pumps.

Fannie Mae

Washington, District of Columbia

Fannie Mae is a federally sponsored financial institution for multifamily housing. Fannie Mae has continued to expand on its green financing programs, raising awareness of the benefits of benchmarking and certification in the multifamily housing market and reaching thousands of owners and tenants. Key 2021 accomplishments include:

- Collecting energy and water performance data on multifamily Green Mortgage Loans through its Green Measurement and Verification Service to ensure quality data reporting through ENERGY STAR Portfolio Manager® for nearly 3,500 multifamily properties, up from 3,000 in 2020.
- Continuing to increase the uptake of ENERGY STAR® products at Green Rewards properties. ENERGY STAR products, fixtures, and appliances were recommended at 100% of Green Rewards properties and selected at 81% of the properties, demonstrating sustained improvement over 2018, when they were recommended at only 19% of properties.
- Aligning the pricing across Green Rewards and Green Building Certification loans, including ENERGY STAR certifications, resulting in more parity between the incentives offered for each program and an overall increase in Green Building Certification loans.
- Conducting its fifth annual analysis of Green Building Certifications available to the multi-family market, which includes four ENERGY STAR building certifications.
- Continuing to address the utility data access challenges by utilizing the Green M&V Service, where 1,319 Green Mortgage Loan properties are obtaining the energy data needed to benchmark in ENERGY STAR Portfolio Manager directly through a utility service provider to enhance data access, increasing 30% from 2020 (932 properties) and by 62% from 2019 (498 properties).
- Partnering with the EPA on an updated ENERGY STAR 1-100 ENERGY STAR Score for Multifamily Survey.

Institute for Market Transformation

Washington, DC, District of Columbia

Institute for Market Transformation (IMT) is a national nonprofit focused on energy efficiency in buildings. In 2021, IMT expanded its integration and promotion of ENERGY STAR Portfolio Manager®, 1–100 ENERGY STAR® scores, and ENERGY STAR recognition across program areas. Key 2021 accomplishments include:

- Creating a model ordinance for Building Performance Standards that references ENERGY STAR Portfolio Manager® and its data and metrics.
- Promoting green leasing to the commercial real estate industry.
- Expanding offerings through the DC Building Innovation Hub including new market leaderboards that show buildings with the highest 1-100 ENERGY STAR score by property type in the District of Columbia.

IREM

Chicago, Illinois

IREM is an international commercial real estate association for property and asset managers. IREM has continued to promote sustainability and energy efficiency within its trainings and certification programs, with a focus on utilizing the ENERGY STAR® program to achieve significant energy reductions. Key 2021 accomplishments include:

- Advancing the IREM Certified Sustainable Property (CSP) program to include 286 new and 890 cumulative IREM CSPs. This program incorporates ENERGY STAR tools and resources and supports real estate managers in benchmarking and resource efficiency.
- Launching its CSP for industrial properties program, which heavily incorporates ENERGY STAR tools and resources.
- Working with third-party software provider OpenWater to facilitate the use of ENERGY STAR Portfolio Manager® web services for the IREM CSP program.
- Offering an IREM certification course, “Using Your ENERGY STAR Score to Improve Operations,” as part of a webinar series that focuses on ESG and sustainability topics.

National Grid (RI)

Waltham, Massachusetts

National Grid (RI) is an electricity and natural gas company. National Grid met the increased demand for Home Performance with ENERGY STAR® services by performing 11,750 energy assessments and delivering efficiency improvements that saved almost 24,000 MMBtus of energy. Key 2021 accomplishments include:

- Implementing an income-qualified promotion that covers the cost of insulation upgrades.
- Increasing by 64% the number of tenants who took advantage of free weatherization services.
- Financing almost 600 loans, representing a 15% increase over last year.
- Adding three more contractors and recognizing at least 20 contractors who will receive the Home Performance with ENERGY STAR Century Club award, indicating they have completed more than 100 projects.

New Hampshire Electric & Gas Utilities

Manchester, New Hampshire

New Hampshire Electric & Gas Utilities is a utility consortium made up of Eversource, Liberty Utilities, New Hampshire Electric Co-op, and Unitil. The consortium has consistently promoted ENERGY STAR® to builders, consumers, and other stakeholders, driving market share of ENERGY STAR certified homes to nearly 33% percent statewide since the program's inception in 2002. Key 2021 accomplishments include:

- Supporting the construction of 850 ENERGY STAR certified homes, for a cumulative total surpassing 10,100 homes since joining the program, exceeding its program savings goal of more than 34,500,000 lifetime kilowatt hours.
- Highlighting the benefits of ENERGY STAR certified homes in monthly bill inserts to more than 400,000 customers, and re-tooling the NH Saves website to feature the "Drive to ENERGY STAR" program, including a new area showcasing successful energy savings projects.
- Providing innovative ENERGY STAR outreach to lumber yards, town halls, code official offices, and hardware stores throughout the state to continue changing the market; while also educating nearly 150 town officials, visiting 250 building material retailers, and distributing 4,000 ENERGY STAR certified homes brochures.
- Participating in state and regional associations such as New Hampshire Home Builders, NH Code Collaborative, and the NH Residential Energy Performance Association and continuing to provide virtual training for builders, homeowners, and other stakeholders on a variety of topics related to ENERGY STAR.

New Jersey Board of Public Utilities

Trenton, New Jersey

The New Jersey Board of Public Utilities (NJBP) is an agency overseeing the state's Clean Energy Program. In 2021, the NJBP incentivized more than 3,200 ENERGY STAR® certified homes and apartments, for a cumulative total exceeding 84,000 residential units since joining the program in 2001. Key 2021 accomplishments include:

- Recruiting 25 new participating ENERGY STAR builders, an increase of 12% over 2020.
- Holding more than 80 Clean Energy Program webinars that covered a variety residential construction and building science topics, including ENERGY STAR content, reaching more than 3,300 consumers.
- Promoting ENERGY STAR to help New Jersey reach its 2050 zero carbon emissions goal and retooling its web content to better inform prospective buyers about energy-efficient homes.
- Saving nearly 53,000 million BTU annually by supporting the construction of high-performance ENERGY STAR certified homes instead of code-built homes.
- Achieving lifetime greenhouse gas emissions savings equal to removing more than 646,000 passenger vehicles from the road for one year, cumulatively since 2001.

New Mexico Gas Company

Albuquerque, New Mexico

New Mexico Gas Company (NMGC) is a natural gas utility serving multiple counties across the state. The utility's energy efficiency programs continued to expand by promoting ENERGY STAR® certified homes and products to save energy across its service territory. Key 2021 accomplishments include:

- Supporting the construction of nearly 50 ENERGY STAR certified homes and augmenting the number of participating builders by 22%.
- Achieving more than 150% of its residential program savings goal and increasing the thermal units per home saved by 25% compared to 2020.
- Holding more than 130 individual meetings with builders, home energy rating companies, and other program stakeholders regarding ENERGY STAR program updates and trainings.
- Providing incentives for nearly 1,200 ENERGY STAR certified water heaters, furnaces, boilers, and smart thermostats.
- Weatherizing more than 600 homes through NMGC's Income Qualified Weatherization Program and providing 55 households with ENERGY STAR Low-E windows, more than double its 2020 total.

Ohio Hospital Association

Columbus, Ohio

The Ohio Hospital Association (OHA) is a statewide federation of hospitals and health systems. OHA continued its successful and sustained integration of ENERGY STAR® certification, tools, and resources throughout its energy program. Key 2021 accomplishments include:

- Reducing energy use by an average of 2.1%, three times the national average for hospitals.
- Completing 20 hospital ENERGY STAR certifications, the most of any state, including three new certifications.
- Supporting the City of Columbus in the planning and implementation of its energy disclosure law requiring benchmarking in ENERGY STAR Portfolio Manager®.
- Highlighting the benefits of ENERGY STAR Portfolio Manager and recognizing ENERGY STAR certified hospitals in case studies, newsletters, public meetings, and social media.

PECO Energy

Philadelphia, Pennsylvania

PECO is an electric and gas utility serving Pennsylvania. In 2021, PECO promoted ENERGY STAR® throughout its residential portfolio to save its customers more than 20,000 MWh. Key 2021 accomplishments include:

- Using multiple channels to provide discounts on ENERGY STAR certified products in more than a dozen product categories.
- Educating low-income customers on replacing aging equipment with ENERGY STAR certified heat pumps to reduce winter bills.
- Implementing an "Energy Answers" advertising campaign focused on helping reduce energy use with ENERGY STAR certified lighting and appliances.
- Providing incentives for the construction of nearly 600 ENERGY STAR certified homes, a 12% increase over 2020, and saving homeowners more than 1140 MWh of electricity annually.
- Expanding its program to include 10 new ENERGY STAR builder partners and demonstrating leadership in promoting energy-efficient homes through participation in the Building Industry of Philadelphia Green Committee and several other organizations.

Portland Cement Association

Washington, District of Columbia

Portland Cement Association (PCA) is a policy, research, education, and market intelligence organization serving America's cement manufacturers. PCA continues to play a key role in promoting decarbonization of the U.S. cement industry while advancing the EPA ENERGY STAR® industrial partnership among cement producers. Key 2021 accomplishments include:

- Developing a roadmap for the cement industry to achieve carbon neutrality by 2050.
- Supporting updates to the ENERGY STAR cement plant energy performance indicator tool so that energy efficiency and reduction of carbon dioxide emissions are incentivized and current as the industry decarbonizes.
- Promoting cement plant certification with ENERGY STAR to member companies.
- Communicating energy efficiency opportunities to the cement industry and sharing the industry's management successes to garner greater adoption of energy management.

Potomac Electric Power Company (Pepco)

Washington, District of Columbia

Potomac Electric Power Company (Pepco) is an electric utility. Pepco introduced a "Certificate of Completion" for homeowners completing projects in the Home Performance with ENERGY STAR® program. The three-tiered program is based on the size and scope of the completed project and includes silver, gold and platinum certificates. Key 2021 accomplishments include:

- Reducing energy use in electric homes by an amount equal to emissions from 300 gallons of diesel fuel and by an amount equal to 140 gallons of diesel fuel in natural gas-heated homes.
- Continuing an incentive program that rewards customers as much as \$7,500 based on projected savings.
- Installing major upgrades, including more than 500 high efficiency heating and air conditioning systems and more than 400 heat pump water heaters.
- Generating over 65,000 MWh in annual savings from the sale of ENERGY STAR certified appliances, heat pump water heaters, HVAC equipment, and lighting.
- Providing incentives for the construction of nearly 500 ENERGY STAR certified homes and more than 450 ENERGY STAR smart thermostats, yielding more than 900 megawatt hours of energy savings.

PSEG Long Island

Uniondale, New York

PSEG Long Island is an energy company and subsidiary of Public Service Enterprise Group Inc. PSEG Long Island exceeded its savings and project goals for 2021 and paid more than \$3 million in customer rebates. Key 2021 accomplishments include:

- Offering income-based incentives, resulting in 430 low-income families receiving up to \$4,000 for Home Performance with ENERGY STAR® projects.
- Through its Home Performance with ENERGY STAR Direct Install Program, providing no-cost energy assessments and measures to 100 homes, including ENERGY STAR LED lighting, duct sealing, smart power strips, and low-flow water-saving devices.

- Exceeding goals for its products program to save its customers more than 207,000 MWhs and 555,000 MMBtu.
- Adding ENERGY STAR storm windows as a new product offering in 2021.

Public Service Company of Oklahoma Tulsa, Oklahoma

Public Service Company of Oklahoma (PSO) is an electric utility company serving multiple counties across the state. During the past year, PSO expanded its ENERGY STAR® certified homes and products programs across its service territory and outperformed its original energy savings goal by 84%. Key 2021 accomplishments include:

- Providing incentives for the construction of more than 180 ENERGY STAR certified homes, a 9% increase over 2020, and increasing the number of participating builders by 35% and home energy rating companies by 25%, respectively.
- Dedicating two corporate webpages to promoting ENERGY STAR certified homes, one for builders and one for consumers; pageviews collectively increased by 49% over the previous year.
- Augmenting improved duct leakage rates in ENERGY STAR certified homes by 38% compared to 2020.
- Incentivizing over 7,300 products, including ENERGY STAR appliances, electric vehicle chargers, and heat pump water heaters, which contributed to achieving 150% of its products program goal.
- Training over 5,500 sales associates and customers at educational events resulting in over 11,600 product trainings highlighting the features and benefits of ENERGY STAR.

Salt River Project Agricultural Improvement and Power District Tempe, Arizona

Salt River Agricultural Improvement & Power District (SRP) is a natural gas utility serving central Arizona. Over the past year, the utility exceeded its total annual energy savings goal by 20% and continued to encourage resource conservation and grow consumer support for ENERGY STAR® through its residential programs. Key 2021 accomplishments include:

- Achieving a 70% market share for single-family ENERGY STAR certified homes across its service territory.
- Supporting the construction of more than 5,000 ENERGY STAR certified homes, an increase of 54% compared to 2020, for a cumulative total exceeding 43,600 since joining the program.
- Introducing a new community incentive option for builders to pre-wire homes with electric vehicle charging stations and requiring that all ENERGY STAR homes use fixtures certified by EPA's WaterSense program.
- Providing rebates for more than 16,000 ENERGY STAR certified smart thermostats.

Southern Maryland Electric Cooperative Hughesville, Maryland

Southern Maryland Electric Cooperative (SMECO) is a customer-owned electricity cooperative. Through community awareness and marketing campaigns, SMECO has promoted ENERGY STAR® across the residential home and consumer products sectors to help customer-members save energy. Key 2021 accomplishments include:

- Saving more than 51,000 megawatt-hours (MWh) of electricity across its ENERGY STAR programs.

- Providing incentives for more than 600 ENERGY STAR certified homes and nearly 500 ENERGY STAR smart thermostats.
- Increasing market penetration for ENERGY STAR certified homes to 39% across its service territory and running a digital promotion campaign that resulted in 1.6 million impressions.
- Onboarding 85% of local distributors to participate in its midstream heating, ventilation, and air conditioning (HVAC) program, while featuring the ENERGY STAR logo prominently in advertisements, program collateral, and its website.
- Saving customers over 2,500 MWhs through its ENERGY STAR appliance rebate program, which leverages ENERGY STAR resources to promote the programs to customers.

Southwestern Electric Power Company (AEP SWEPCO) Shreveport, Louisiana

Southwestern Electric Power Company (AEP SWEPCO – Arkansas) is an electric utility. SWEPCO generated 8.4 gigawatt-hours (GWh) in energy savings through efficiency upgrades to 1,669 single-family homes and 1,063 multi-family units. Key 2021 accomplishments include:

- Adding opportunities for low-income customers and senior citizens to participate in Home Performance with ENERGY STAR®, resulting in upgrades to 40 qualified homes.
- Offering free training to contractors through the Building Performance Institute, leading to increased savings per home and reducing program costs.
- Highlighting ENERGY STAR affiliation in traditional and digital marketing materials, in both English and Spanish.

The American Society for Health Care Engineering of the American Hospital Association Chicago, Illinois

The American Society for Health Care Engineering (ASHE) of the American Hospital Association is a society whose members design, build, and operate health care facilities. ASHE has used ENERGY STAR® as a foundation for its Energy to Care program, helping hospitals achieve \$550 million in energy savings since 2010. Key 2021 accomplishments include:

- Benchmarking over 3,600 health care facilities in ENERGY STAR Portfolio Manager® and using ENERGY STAR scores as the basis of its awards program.
- Designing a pro bono verification program to help eligible hospitals and medical offices become ENERGY STAR certified.
- Developing and hosting a workshop that explored how addressing the public health impacts of climate change in underserved communities may increase engagement to reduce carbon emissions.

The Sponsors of Mass Save Westborough, Massachusetts

The Sponsors of Mass Save is a collaborative formed by Cape Light Compact, Eversource, National Grid, and Unitil to offer statewide energy efficiency programs. The collaborative has been educating residents to look for the ENERGY STAR® label and adopt energy-saving solutions for more than 20 years. Key 2021 accomplishments include:

- Providing rebates for over 27,500 ENERGY STAR certified smart thermostats and room air cleaners through the Mass Save online marketplace, in addition to its significant and ongoing success promoting certified lighting.
- Partnering with local retailers to hold 50 turn-in events that resulted in 2,000 inefficient dehumidifiers being recycled and encouraged the purchase of an ENERGY STAR certified dehumidifiers, which contributed to the sale of 10,300 units.
- Leveraging ENERGY STAR in its marketing resources, which resulted in over 50,000 pieces of point-of-purchase signage distributed and 50,000,000 paid media impressions promoting ENERGY STAR products.

Energy Management

AMLI Residential Chicago, Illinois

AMLI Residential is a multifamily company focused on the development, acquisition, and management of apartment communities. AMLI has continued to leverage its ENERGY STAR® partnership to communicate the value of energy efficiency to both internal stakeholders and residents across its communities. Key 2021 accomplishments include:

- Achieving 46 ENERGY STAR certifications for its communities, representing 61% of its portfolio.
- Continuing to engage residents around energy efficiency and ENERGY STAR through property websites, property brochures, on-site tours, and through its green home guide.
- Launching a new Environmental Social Governance Steering Committee, aimed at further engaging its executive leadership and employee base about valuable sustainability and energy efficiency goals, and how ENERGY STAR plays a key role in achieving success.
- Hosting a virtual Earth Day event for all employees, including Earth Day Trivia, which engaged staff on important environmental features of its apartments, including ENERGY STAR products and ENERGY STAR certified communities.
- Continuing to offer trainings to its employees through its sustainability modules, where significant portions of its modules for leasing, maintenance, and corporate employees detail ENERGY STAR best practices and information on ENERGY STAR certification.

Atrium Health Charlotte, North Carolina

Atrium Health is a healthcare organization based in North Carolina. Atrium Health continued to grow its energy management program, leveraging ENERGY STAR® tools and resources. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification at 13 facilities, including six hospitals.
- Adding 2.9 M square feet to its ENERGY STAR Portfolio Manager® account by benchmarking three newly acquired healthcare systems.
- Developing a plan for an ENERGY STAR Treasure Hunt in 2022 to foster continued education and employee engagement.
- Purchasing ENERGY STAR certified lab freezers to minimize additional plug loads while storing COVID-19 vaccines.

Beacon Capital Partners Boston, Massachusetts

Beacon Capital Partners is a private real estate investment firm. Beacon Capital has maintained a longstanding commitment to ENERGY STAR® and energy conservation, including implementing several

major projects to drive energy reductions across its portfolio and promoting the value of ENERGY STAR and energy management to internal staff. Key 2021 accomplishments include:

- Constructing seven trigeneration projects that will each produce 500-750 kilowatts of electricity and roughly 250 tons of chilled water, reducing the annual emissions of the buildings in which they are installed by up to 75%.
- Installing or initiating two rooftop solar panel projects and five solar carport projects.
- Completing installation of 43 new regenerative drive elevators, with 12 more underway, each of which consumes up to 60% less energy than typical elevators and offsets increased elevator usage resulting from COVID-19 limitations.
- Reducing HVAC energy use by nearly 5% due to enhanced attention to water treatment at all properties.
- Recognizing energy management achievements of ten building management team members through its seventh annual Blue Star Energy Awards Contest, which motivates participants to achieve ENERGY STAR-related goals.

BentallGreenOak **New York City, New York**

BentallGreenOak is a global real estate investment firm. BentallGreenOak has maintained a longstanding commitment to energy efficiency and has widely promoted its ENERGY STAR® partnership to internal and external stakeholders. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 83 properties.
- Integrating ENERGY STAR metrics into its Eco Modeler tool to help asset and property managers measure the success of their energy efficiency strategies.
- Continuing implementation of its Sustainability Benchmarking Program, which benchmarks asset performance against internal best practices and peers and includes the property's ENERGY STAR score in the diagnostic report to drive performance and inform budget decisions.
- Communicating ENERGY STAR messaging to employees, tenants, clients, industry, and the public through quarterly reports, its website, annual reports, press releases, and on social media.

Bimbo Bakeries USA, Inc. **Horsham, Pennsylvania**

Bimbo Bakeries USA, Inc. (BBU) is a food processing company. BBU achieved a 7% energy intensity reduction in 2021 by utilizing ENERGY STAR® benchmarking tools and energy management resources. Key 2021 accomplishment include:

- Earning the ENERGY STAR for 18 bakeries, including four facilities certified for the first time. BBU leads the industrial sector with the largest number of certified plants. Further, two bakeries achieved the ENERGY STAR Challenge for Industry for energy intensity reductions of 17.8% and 10.3% within a two-year period.
- Promoting its partnership and achievements with ENERGY STAR through social media, news releases, podcasts, and communications to retail customers.
- Supporting the ENERGY STAR industrial partnership and Focus on Energy Efficiency in Food Processing through presentations, mentoring, and active participation.
- Completing high-efficiency lighting upgrades across all the company's bakeries to prevent 8,000 tons of energy-related greenhouse gas emissions.

Boston Properties

Boston, Massachusetts

Boston Properties is a self-administered and self-managed real estate investment trust. Boston Properties has demonstrated ongoing dedication to corporate sustainability and has integrated ENERGY STAR® into all aspects of its robust energy management program. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 35 properties.
- Requiring all properties to benchmark energy, water, and waste in ENERGY STAR Portfolio Manager® and to target a minimum ENERGY STAR score of 75.
- Committing to achieve carbon-neutral operations by 2025. The commitment includes Scope 1 and Scope 2 emissions from its managed office portfolio, with data and progress tracked in ENERGY STAR Portfolio Manager.
- Linking its revolving credit facility with a new Green Building Certification Goal that targets an increase in total green building certifications from 77% of its portfolio to 87% by 2025, including ENERGY STAR certifications.
- Presenting its Environmental Social Governance strategy, including how ENERGY STAR is integrated into its energy management program, to groups representing industry associations and academic institutions, including the University of Massachusetts, the National Association of Real Estate Investment Trusts, the Urban Land Institute, and various investors and prospective tenants, reaching over 500 attendees in total.

Bozzuto Management Company

Greenbelt, Maryland

Bozzuto Management Company is a third-party manager of multifamily communities. Bozzuto leveraged ENERGY STAR® resources to develop unique and innovative tools to reduce energy consumption across its managed portfolio. Key 2021 accomplishments include:

- Meeting the milestone of achieving over 100 ENERGY STAR Certifications since 2015.
- Increasing the number of properties benchmarked using ENERGY STAR Portfolio Manager® from 70% to 83% of the company's portfolio in 2020.
- Enhancing its High-Performance Building Inspection offering that leverages ENERGY STAR Treasure Hunt materials to identify low- and no-cost energy savings opportunities and completing four Treasure Hunts.
- Promoting its energy management programs and ENERGY STAR participation through social media, print publications, marketing and training opportunities, and virtual industry speaking engagements.
- Partnering with a third-party data management consultant to track and identify property benchmarking opportunities to achieve a goal of 100% benchmarking and increase the number of ENERGY STAR certified properties in the managed portfolio.

Bristol Myers Squibb

New York, New York

Bristol Myers Squibb (BMS) is a biopharmaceutical company. Using ENERGY STAR® energy management tools and resources, BMS exceeded its 2020 sustainability goals by achieving a 24.3% reduction in greenhouse gas emissions and a 17.3% reduction in energy use from a 2015 baseline. Key accomplishments for 2021 include:

- Using ENERGY STAR tools to recertify one building and drive energy intensity reductions at 19 facilities through the ENERGY STAR Challenge for Industry.

- Supporting the ENERGY STAR Pharmaceutical Industry Focus and ENERGY STAR industrial partnership through mentoring, benchmarking, and sharing of best management practices.
- Establishing new transitional goals to cut energy and greenhouse gas intensity by 10% by 2025 to support BMS's long-term goal to be net carbon neutral by 2040.

CalPortland Company

Glendora, California

CalPortland Company is a producer of cement, concrete, aggregates, and asphalt pavement. The company demonstrated leadership by supporting the development of a decarbonization roadmap for the U.S. cement industry that incorporates energy efficiency as an important measure for achieving carbon neutrality. Key 2021 accomplishments include:

- Achieving an energy intensity improvement of 0.5 percent over 2020. Since 2003, the company has sustained its energy intensity improvement at 17 percent, avoiding the emissions of 3.6 million tons of CO₂.
- Challenging its plants to improve energy performance with ENERGY STAR® benchmarking tools. The Rillito cement plant earned certification for the tenth year in a row, while 62 ready mix concrete facilities, aggregate sites, asphalt paving plants, and cement terminals are actively pursuing achievement of the ENERGY STAR Challenge for Industry.
- Participating actively in both the ENERGY STAR Focus on Energy Efficiency in Cement and Concrete Manufacturing and the Focus on Energy Efficiency in Asphalt Paving to advance energy efficiency in these industries.
- Spreading the word about energy efficiency with ENERGY STAR to the communities where the company does business and to other manufacturing industries.

CBRE

Dallas, Texas

CBRE is a global commercial real estate services and investment firm. CBRE continued to grow its energy management and training programs, leveraging ENERGY STAR® resources to provide leadership across the commercial real estate industry. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 174 properties.
- Benchmarking 5,941 buildings in ENERGY STAR Portfolio Manager®, totaling more than 334 million square feet and representing 100% of CBRE's total property portfolio.
- Recognizing 35 property management teams through its Climate Champion Award program, which highlights properties that have achieved a 10% or greater annual increase in ENERGY STAR Score.
- Announcing a commitment to achieve net-zero carbon emissions by 2040, using ENERGY STAR Portfolio Manager to set a U.S. emissions baseline and track progress toward the target.
- Engaging more than 3,400 employees through BOMA Energy Efficiency Program trainings, which educate staff on how to use ENERGY STAR Portfolio Manager to introduce low and no-cost strategies to reduce energy consumption and optimize equipment.

Celanese Corporation

Irving, Texas

Celanese Corporation is a producer of specialty materials and chemical products for major industries and consumer applications. The company promoted energy efficiency and decarbonization throughout the ENERGY STAR® network of industrial partners and aided individual ENERGY STAR industrial partners in improving energy management by sharing strategies and management techniques. Key 2021 accomplishments include:

- Achieving an energy intensity reduction of 7%. The company reduced energy intensity year over year for a total improvement of approximately 13% since 2013.
- Pursuing more than 130 energy projects, including an innovative CO2 capture and utilization project where approximately 60% of vented waste CO2 at the company's Clear Lake, Texas, facility will be captured and employed to manufacture methanol.
- Supporting ENERGY STAR's Focus on Energy Efficiency in Energy Intensive Industries group and annual industrial meeting with project presentations.
- Enhancing the company's Environment, Social and Governance program by publishing a new climate policy, sustainability report and website, reporting progress to sustainability tracking organizations, and working with customers to provide products that support the circular economy through light weighting and bio-based feedstocks.

CEMEX USA

Houston, Texas

CEMEX USA is a producer, distributor, and marketer of cement, ready-mixed concrete, aggregates, and other building materials. The company advanced energy efficiency in the cement sector as it supported the ENERGY STAR® Focus on Energy Efficiency in Cement and Concrete Manufacturing along with updates to the cement plant benchmarking tool. Key 2021 accomplishments include:

- Certifying its Miami cement plant with ENERGY STAR for the 11th consecutive year.
- Enhancing the company's sustainability program by setting new 2030 accelerated carbon emissions goals, validated by the Science Based Targets Initiative, and also introducing a goal for concrete.
- Developing roadmaps for each cement plant to achieve new goals that include enhanced energy efficiency and reduced carbon associated with clinker production.

Colgate-Palmolive Company

New York, New York

Colgate-Palmolive Company (Colgate) is a consumer products manufacturer. Colgate demonstrated continued leadership in leveraging ENERGY STAR® tools and recognition to advance energy and decarbonization management practices for a 1.97% energy intensity reduction in 2021 and a 29.48% reduction since 2005. Key 2021 accomplishments include:

- Achieving the ENERGY STAR Challenge for Industry at three facilities. Since 2010, Colgate plants have achieved the Challenge for Industry 90 times, contributing to over 3.73 MMBTUs in energy savings.
- Contributing to the ENERGY STAR Find the Treasure campaign by sharing the results from energy treasure hunts.
- Finalizing a Net Zero Carbon Strategy that was rolled out to its manufacturing facilities.

- Launching the fifth iteration of its “Top 10” actions to drive further energy and water savings across the company.
- Increasing the percentage of the company’s capital budget dedicated to energy and sustainability projects to 15%.

CommonWealth Partners

Los Angeles, California

CommonWealth Partners is a private real estate investment, development, management, and operating company. CommonWealth Partners has demonstrated ongoing dedication to reducing its overall energy usage through a robust stakeholder engagement program that promotes ENERGY STAR® tools and resources. Key 2021 accomplishments include:

- Maintaining 100% energy benchmarking of its portfolio with ENERGY STAR Portfolio Manager®.
- Using ENERGY STAR Portfolio Manager’s green power functionality to monitor renewable energy use and emissions to track progress toward long-term science-based greenhouse gas emissions targets.
- Engaging tenants, occupants, and employees about ENERGY STAR achievements through social media, tenant memos, newsletters, its corporate website, decals displayed at ENERGY STAR certified properties, and elevator signage.
- Hosting an ENERGY STAR Battle of the Buildings Bootcamp over the course of three months, sharing ENERGY STAR messaging and resources to its tenants and tracking monthly energy usage in ENERGY STAR Portfolio Manager.

Corning Incorporated

Corning, New York

Corning Incorporated is a manufacturer of specialty glass, ceramics, and advanced optical products. The company supported ENERGY STAR® in the development of new industrial decarbonization tools and in advancing energy efficiency in the glass industry. Key 2021 accomplishments include:

- Pledging one new site to the ENERGY STAR Challenge for Industry’s energy intensity reduction goal so that all eligible sites worldwide are now pursuing the Challenge. Six sites achieved the ENERGY STAR Challenge for Industry, with energy intensity improving from 11–31% in fewer than four years.
- Sharing the company’s broader sustainability goals and program structure within the ENERGY STAR industrial partner network.
- Maintaining a significant internal communication network through enhanced recognition of employee participation. The network continues to build out the global energy management program with new team members and serves as a model for industrial companies.
- Facilitating a move toward lower carbon energy by increasing the number of facilities that leverage renewable energy and creating a custom approval process for accelerating decisions on these projects.
- Hastening action on climate by instituting new corporate carbon reduction goals in accord with the Science Based Targets initiative.

Cushman & Wakefield

Washington, District of Columbia

Cushman & Wakefield is a global real estate services firm. Cushman & Wakefield has maintained its longstanding commitment to energy conservation across its portfolio, and leverages ENERGY STAR® tools and resources to communicate with internal and external stakeholders. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 222 buildings.
- Completing over 40 ASHRAE Energy Audits to evaluate building energy performance and provide low- and no-cost energy conservation measures as well as capital cost suggestions. In 2021, these audits resulted in an average of 16% energy savings and approximately 153 million kBtu total energy savings.
- Providing robust internal benchmarking support by regularly hosting training sessions on ENERGY STAR Portfolio Manager®, providing pre-recorded trainings on the company intranet, and utilizing staff to serve as a help desk.
- Providing trainings to brokers featuring the value of asset energy performance and encouraging the use of ENERGY STAR as a differentiator in the market, which led to an increase in the number of properties benchmarked.
- Delivering more than 20 presentations to encourage use of ENERGY STAR-rated products in all tenant spaces and the implementation of energy-efficient practices to increase scores and potentially earn ENERGY STAR Tenant Space recognition.

Des Moines Public Schools

Des Moines, Iowa

Des Moines Public Schools (DMPS) is a public school district in Iowa. DMPS promoted energy efficiency awareness to students, staff, and the community and has continued its longstanding commitment to sustainability by implementing ENERGY STAR® best practices for comprehensive energy management. Key 2021 accomplishments include:

- Saving more than \$21.7 million since 2008, including \$1.4 million in 2021 alone, as well as reducing site energy use by more than 30% when compared to baseline.
- Benchmarking 100% of DMPS facilities, totaling over 5.8 million square feet, in ENERGY STAR Portfolio Manager® and achieving ENERGY STAR certification at 21 schools.
- Leading the City of Des Moines to become the third-ranked mid-sized city on EPA's 2021 ENERGY STAR Top Mid-Sized Cities listing.
- Completing the first solar array within the district at Jefferson Elementary, which is expected to generate approximately 80 percent of the school's energy.
- Spending an average of \$139 per student on energy costs, significantly lower than the national average of \$205 per student.
- Promoting energy practices and ENERGY STAR to the community through Energy Report Cards delivered to nearly 5,000 staff and interested parties across the country.

Digital Realty

Austin, Texas

Digital Realty is a real estate investment trust. Digital Realty continued to advance its strategic energy management efforts and set ambitious energy efficiency goals by leveraging ENERGY STAR® tools and resources. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 33 data centers.
- Completing more than 54 energy efficiency upgrade projects, saving more than 49,000 MWh and over \$20.2 million in energy costs.
- Writing several news articles for its internal SharePoint drive, highlighting its ENERGY STAR initiatives and congratulating internal teams that worked to improve ENERGY STAR scores and assisted with certifications.
- Retrofitting ten redundant diesel rotary UPS systems at its properties over 24 months. The projects resulted in a total annual savings of 4,900 MWh and \$685,000 in energy costs.
- Communicating the importance of ENERGY STAR and ENERGY STAR certification through multi-channel communications including press releases, social media, email campaigns and direct outreach through promotional resources, logos, and related materials to reach key stakeholders.

Fairfax County Public Schools

Falls Church, Virginia

Fairfax County Public Schools (FCPS) is a school district in Virginia. FCPS uses ENERGY STAR® to engage students, conserve energy, and protect the environment, and as a catalyst for stewardship throughout FCPS schools and the community. Key 2021 accomplishments include:

- Saving more than \$54 million since 2014 and more than \$16 million in annual energy costs, as well as avoiding more than 85,000 metric tons of CO2 emissions.
- Receiving ENERGY STAR certifications for three schools, in addition to the 94 certified in 2020, as well as designing a new elementary school to earn ENERGY STAR certification.
- Maintaining the FCPS Energy Education Team, which strives to reduce district energy use and cost without negatively impacting health and safety, the educational environment, or productivity.
- Using a dashboard to educate students, staff, parents, and community members about ENERGY STAR, including ENERGY STAR scores.
- Improving both indoor air quality and energy efficiency in HVAC projects.

Food Lion, LLC

Salisbury, North Carolina

Food Lion is a retail grocery store chain. Food Lion has integrated ENERGY STAR® into its energy management program since 2000, achieving a 29% energy savings worth \$64 million across its portfolio. Key 2021 accomplishments include:

- Maintaining an average ENERGY STAR retail score of 69.
- Retrofitting 128 stores with LED lighting, saving an estimated 443 million BTUs per store annually, on average.
- Helping a sister brand develop an energy conservation culture using ENERGY STAR tools and resources.
- Enabling customers to shift to energy efficient lighting by making LED products available in all stores as replacements for traditional lights.

General Motors Company

Detroit, Michigan

General Motors Company (GM) is a motor vehicle manufacturer. GM reduced its manufacturing energy intensity by 11% from 2010 to 2021 by leveraging ENERGY STAR® tools and resources. Key accomplishments in 2021 include:

- Earning ENERGY STAR certification for two assembly plants and four buildings, despite supply chain disruptions that impacted operational efficiency.
- Achieving the ENERGY STAR Challenge for Industry for five manufacturing sites. GM plants have achieved the challenge goal of a 10% or more reduction in energy intensity 156 times since 2010.
- Supporting the ENERGY STAR Find the Treasure campaign by sharing the results of 22 on-site and virtual energy treasure hunts.
- Actively supporting the ENERGY STAR Motor Vehicle Industry Focus and ENERGY STAR industrial partners through mentoring, benchmarking, and information sharing.
- Setting new greenhouse gas reduction goals for reduce Scope 1 & 2 emissions by 72%, cutting vehicle emissions by 51% in 2035 from a 2018 baseline, and reducing energy intensity by 35% in 2035 from a 2010 baseline.

Hanesbrands Inc.

Winston Salem, North Carolina

HanesBrands Inc. produces and markets apparel under several brands including Hanes, Champion, and Bonds. Hanesbrands Inc. achieved a 7% energy intensity reduction in 2021 and a 30% energy intensity reduction since 2007 by leveraging ENERGY STAR® tools and resources to build and maintain a strong corporate-wide energy management program. Key accomplishments in 2021 include:

- Supporting the ENERGY STAR industrial partnership through presentations, mentoring, and active participation.
- Completing a comprehensive greenhouse gas inventory and decarbonization roadmap to model pathways to reduce the company's greenhouse gas emissions in line with science to keep global warming to a 1.5°C rise.
- Initiating four solar energy projects totaling over 12 MW, positioning the company closer to its 2030 renewable electricity goals.
- Bolstering its focus on continuous improvement by conducting a multi-day virtual lean summit across the globe in which 55 energy-specific projects were identified and commenced.

Hines

Houston, Texas

Hines is a privately owned global real estate investment firm. Hines has maintained its strong corporate commitment to sustainability, continuing use of ENERGY STAR® tools and resources to promote energy efficiency with its stakeholders. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 62 properties.
- Publishing its 10th annual sustainability report, which highlights the firm's partnership with ENERGY STAR.
- Creating the ENERGY STAR Management Group to help lead ENERGY STAR strategy and initiatives. This team consists of engineering leaders from Hines' central headquarters and every U.S. business region who have developed special networks with their engineering colleagues to support firm-wide energy conservation goals.

- Issuing 28 ENERGY STAR related press releases, distributed to an estimated audience of more than 4,000.
- Within its HinesGO program, expanding the interior office program to include tenants. The program draws on ENERGY STAR's "Bring Your Green to Work" campaign and consists of a scoring system with seven categories. In the Energy Efficiency category, three points are awarded for purchasing ENERGY STAR appliances.

Hudson Pacific Properties, Inc. **Los Angeles, California**

Hudson Pacific Properties, Inc. (HPP) is a vertically integrated real estate company. HPP continued to grow its energy management program across its portfolio, utilizing ENERGY STAR® resources to achieve its carbon neutrality goals. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 60 properties.
- Benchmarking energy, water, and waste for 100% of its portfolio in ENERGY STAR Portfolio Manager®.
- Requiring all properties with an ENERGY STAR score below 75 to conduct an initial ENERGY STAR Treasure Hunt to look for energy efficiency measures.
- Conducting a portfolio-wide Earth Week campaign through its tenant management platform featuring posts encouraging tenants to pursue ENERGY STAR Tenant Space recognition.
- Including a one-pager in its recruiting package to prospective employees on the sustainability goals of the organization, including those related to achieving ENERGY STAR certifications.
- Engaging with waste haulers to provide tonnage data instead of basic service pickups so that waste can be more accurately tracked in ENERGY STAR Portfolio Manager.

Intertape Polymer Group, Inc. **Sarasota, Florida**

Intertape Polymer Group, Inc. (IPG) manufactures tapes and packaging materials. In 2021, IPG achieved a 7.8% energy intensity reduction by leveraging ENERGY STAR® tools and resources. Key accomplishments in 2021 included:

- Achieving the ENERGY STAR Challenge for Industry for its Carbondale facility for the fifth time, making it the third plant to ever reach this milestone.
- Supporting the ENERGY STAR Find the Treasure campaign by sharing the results of multiple energy treasure hunts that each identified substantial energy savings.
- Expanding the energy program and introducing ENERGY STAR resources to newly acquired facilities.
- Enhancing its corporate sustainability commitments by pledging to become net zero carbon by 2040.
- Implementing a new sustainability reporting platform to track utilities and greenhouse gas emissions and inform facility managers responsible for reducing energy consumption and emissions.

JCPENNEY **Lewisville, Texas**

JCPENNEY is a clothing and home retail store. JCPENNEY demonstrated continued dedication to environmental sustainability and leveraged ENERGY STAR® tools and resources to meet its goals. Key 2021 accomplishments include:

- Reducing energy use by almost 2% across its portfolio, compared to 2020.

- Increasing the average ENERGY STAR score across its retail portfolio.
- Upgrading lighting fixtures with LEDs at 10 stores, resulting in an estimated \$550,000 annual savings.
- Conducting internal webinars to foster a culture that values energy conservation and environmental stewardship.

JLL

Chicago, Illinois

JLL is a professional services and investment management firm. JLL has continued to leverage ENERGY STAR® resources to drive energy savings within its managed properties and provide leadership in energy management to the industry. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 91 managed properties.
- Engaging employees through an Annual Operational Compliance Program training webinar, which trained over 1,400 employees to use ENERGY STAR Portfolio Manager® to drive energy use reductions.
- Garnering more than 694 media placements that include ENERGY STAR content in real estate, energy, sustainability, and general business publications, and sharing 25 posts with original content containing key ENERGY STAR messages, reaching 1.3 million people on JLL's social media channels.
- Committing to achieving net zero carbon emissions across its entire global office portfolio by 2030.

Kenton County School District

Ft. Wright, Kentucky

Kenton County School District (KCSO) is a school district in Kentucky. KCSO has been engaging staff, students, and the community in energy management and energy education since 2005. Key 2021 accomplishments include:

- Saving over \$1.7 million in energy costs in 2021, equivalent to 34 teaching positions, and reducing energy and energy costs by 40% since 2005.
- Achieving ENERGY STAR® certification at nine schools.
- Implementing energy efficiency upgrades, including high-efficiency geothermal heat pumps and LED lighting in several schools.
- Integrating indoor air quality and energy efficiency management together, including the use of CO2 monitoring.
- Involving students and teachers in energy-saving practices, like a "Shutdown with ENERGY STAR" program to save energy over holiday breaks as well as communicating results of school-wide efforts.

Kilroy Realty Corporation

Los Angeles, California

Kilroy Realty Corporation is a real estate investment trust. Kilroy Realty has demonstrated its ongoing commitment to ENERGY STAR®, promoting ENERGY STAR resources to its stakeholders and to its peers across the commercial real estate market. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 72% of its portfolio, including multifamily and tenant-operated buildings.
- Benchmarking 100% of its portfolio within ENERGY STAR Portfolio Manager®.

- Conducting 26 ENERGY STAR Treasure Hunts virtually across 3.5 million square feet, identifying significant opportunities for controls upgrades, lighting retrofits, and duct sealing across 24% of the portfolio.
- Continuing to incorporate language encouraging tenants to pursue ENERGY STAR Tenant Space in all Building Standards Documents.
- Educating the market about the value of the ENERGY STAR program through a large-scale social media and outreach campaign, including posts that generated more than 93,000 impressions and reached more than 400,000 users.

Koch Industries Incorporated

Wichita, Kansas

Koch Industries Incorporated (KII) is a private company engaged in the diverse industries of petroleum refining, chemicals, biofuels and ingredients, forest and consumer products, fertilizers, polymers and fibers, process and pollution control equipment and technologies, electronic components, commodity trading, minerals, energy, glass, and investments. KII actively promoted greater strategic focus on energy efficiency throughout the ENERGY STAR® industrial partnership. Key 2021 accomplishments include:

- Achieving a 2% improvement in energy productivity across all KII businesses.
- Supporting the development of updated and new energy management and decarbonization tools in the glass and pulp and paper sectors.
- Certifying six plants in the fertilizer, oil refining, and pulp and paper sectors and two buildings with ENERGY STAR certification. In 2021, KII was the first fertilizer producer to earn three certifications.
- Linking employees to opportunities to show stewardship and improve energy efficiency through strategic communications and outreach.

Kohl's, Inc.

Menomonee Falls, Wisconsin

Kohl's, Inc. is a specialty department store retail chain. Kohl's has integrated ENERGY STAR® tools and resources into its energy management program since 1998, achieving a 20% energy savings across its portfolio and an average ENERGY STAR score of 85. Key 2021 accomplishments include:

- Certifying 9 department stores as ENERGY STAR for a total of 1,083 stores certified since 2008.
- Retrofitting lighting fixtures with LEDs at 109 stores and five distribution centers, saving an estimated 4.1M kWh per year.
- Expanding energy management systems to 93 stores, with an expected annual savings of 2.7M kWh.
- Incorporating renewable energy into future store designs.
- Highlighting the ENERGY STAR partnership to employees and customers through its website, social media, press releases, packing slips, and screensavers.

LBA Realty / LBA Logistics

Irvine, California

LBA Realty/LBA Logistics is a full-service real estate investment and management company. LBA has continued to leverage ENERGY STAR® tools and resources to engage with engineering, property, and

asset management teams to improve overall portfolio energy management. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 22 properties.
- Increasing the average ENERGY STAR score across its portfolio from an 85 in 2020 to an 87 in 2021.
- Calculating its carbon footprint for Scope 1 & 2 emissions, as well as a portion of Scope 3, using its data in ENERGY STAR Portfolio Manager®.
- Developing a new training program for the property teams to educate them on data collection and use of ENERGY STAR Portfolio Manager, including an FAQ document that can be shared with tenants to explain the process and address any concerns with data sharing.
- Continuing to expand and promote its LBA Sustainability Toolbox, which includes several ENERGY STAR resources including an ENERGY STAR program overview, top 10 energy saving tips, the ENERGY STAR Treasure Hunt Guide & Treasure Maps, the ENERGY STAR Building Upgrade Value Calculator, ENERGY STAR PowerPoint training slides, and resources for pursuing ENERGY STAR certification and ENERGY STAR Tenant Space recognition.
- Creating a resource for industrial tenants called “Sustainability as a service,” which includes a menu of LBA offerings that is shared with tenants to highlight the areas where they can advance their sustainability efforts. Prepared as a marketing piece for property teams to guide them through discussions with tenants, it has led to increased data sharing and benchmarking of industrial properties in ENERGY STAR Portfolio Manager.

Lockheed Martin Corporation

Bethesda, Maryland

Lockheed Martin Corporation is a global security and aerospace company. The company used ENERGY STAR® resources to reduce greenhouse gas emissions by an amount that offsets emissions from employee commuting and business travel for more than a year. Key accomplishments for 2021 include:

- Advancing energy management at high intensity sites through retro-commissioning, technical assessments, installing instrumentation to benchmark chiller performance, and continuing to roll out the company’s Energy/Water Playbook across sites.
- Supporting the ENERGY STAR industrial partnership and Aerospace Focus through presentations, mentoring, and active participation.
- Continuing the company’s focus on developing advanced metrics to track energy performance in its manufacturing facilities.
- Investing approximately \$20 million in projects as part of the company’s Go Green capital fund.

Loudoun County Public Schools

Ashburn, Virginia

Loudoun County Public Schools (LCPS) is a school district in Virginia. LCPS has a long-standing commitment to reducing costs while promoting energy efficiency through ENERGY STAR® and demonstrating good stewardship of public resources. Key 2021 accomplishments include:

- Saving over \$8.6 million on energy costs and avoiding 31,732 metric tons of CO2 emissions.
- Achieving ENERGY STAR certification at three schools, 17 overall.
- Retrofitting two elementary schools with geothermal systems in place of old fuel oil boilers, as well as installing more than 2,100 kW of solar capacity at seven schools.
- Participating in the submission of two design projects to the ENERGY STAR Decarbonize Your Design Challenge, including an elementary school expected to reduce energy use by nearly 70 percent.

Mansfield Independent School District

Mansfield, Texas

Mansfield Independent School District (MISD) is a school district in northern Texas. MISD has demonstrated a sustained commitment to improving energy efficiency and uses ENERGY STAR® tools to encourage its students and community to save energy at school and at home. Key 2021 accomplishments include:

- Reducing energy usage by 18% and saving \$16.4 million since 2011, and over \$1.7 million in 2021 alone.
- Achieving ENERGY STAR certification for 35 buildings and maintaining an average ENERGY STAR score of 90.
- Promoting its ENERGY STAR partnership and achieving millions of potential impressions through marquee displays, social media outreach, email blasts to internal stakeholders, vehicle signage, and an online presence.
- Opening three new school campuses with geothermal heat pumps, insulated concrete forms, white reflective roofs, and LED lighting throughout.
- Creating community involvement through a poster competition that included the ENERGY STAR logo. The winning posters were hung in prominent places around the district, and the competition encouraged Twitter engagement.
- Benchmarking water use in more than 50 schools and reducing water usage annually by 25.1% and cumulatively by 33.8% over a 2011 baseline.

Marathon Petroleum Corporation

Findlay, Ohio

Marathon Petroleum Corporation (MPC) manufactures and markets renewable and petroleum fuels and provides energy logistics services. MPC showed leadership among ENERGY STAR® industrial partners by sharing methods for maximizing energy efficiency and long-term strategic energy planning. Key 2021 accomplishments include:

- Earning the ENERGY STAR for five refineries. Two refineries have been certified for 16 consecutive years, and all have received certification multiple times, representing the potential for sustained energy performance at U.S. refineries.
- Demonstrating energy management in supporting areas of the business by achieving the ENERGY STAR Challenge for Industry at four terminals for an average energy intensity reduction of 34 percent over three years.
- Supporting the annual ENERGY STAR industrial partner meeting with thoughtful presentations designed to move the industry forward on decarbonization and working with individual partners to help them advance their energy management programs.
- Advancing new renewable fuel options in the market through two new plants and providing a biobased aviation fuel.
- Strengthening communication initiatives to engage employees around project execution and management. MPC expanded a dashboard within the refining organization to enable all employees to assess progress among key performance indicators.

Memorial Hermann Health System

Houston, Texas

Memorial Hermann Health System is a not-for-profit healthcare system. Memorial Hermann leads hospitals nationwide in energy management by bringing and maintaining its existing portfolio to top performance levels, annually certifying all eligible hospitals and designing new ones to ENERGY STAR® standards. Key 2021 accomplishments include:

- Certifying 11 hospitals as ENERGY STAR, the most certifications of any healthcare system in a single year.
- Achieving an energy savings of \$25.8 million across its portfolio since 2008.
- Recruiting 129 healthcare facilities to join the 7th Texas Energy Roundup, a co-branded ENERGY STAR competition, and helping hospitals across the state reduce energy use.
- Developing facility design standards requiring an ENERGY STAR score of 75 or higher for a new facility expansion project.

Merck & Co., Inc.

Kenilworth, New Jersey

Merck & Co., Inc. (Merck) a global health care company that produces prescription medicines, vaccines, biologic therapies, and animal health products. Drawing on ENERGY STAR® resources and strategies, Merck reduced the energy intensity of its U.S. sites by 10.1% from 2015 to 2021. Key accomplishments for 2021 include:

- Maintaining ENERGY STAR certification at one manufacturing plant for a 13th consecutive year and at three buildings, despite impacts from COVID-19.
- Actively supporting the ENERGY STAR Pharmaceutical Industry Focus and ENERGY STAR industrial partnership through mentoring, benchmarking, and sharing information.
- Setting new goals to reduce scope 1 and 2 greenhouse gas emissions by 46% by 2030 from a 2019 baseline and to purchase 100% renewable electricity by 2025.
- Establishing a new Environmental Sustainability Strategy with efficiency in operations as one of three key tactics.
- Creating a Low Carbon Transition Playbook to support facilities in meeting their new greenhouse gas emissions reduction targets.

MetLife, Inc.

New York, New York

MetLife, Inc. is a global financial services company. MetLife has demonstrated ongoing dedication to corporate sustainability, leveraging the ENERGY STAR® program to achieve its environmental goals and engaging internal and external stakeholders on energy management best practices. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 32 properties.
- Promoting the ENERGY STAR Tenant Space recognition to its tenants through a tenant survey, providing information on criteria needed to apply for recognition.
- Conducting six ENERGY STAR Treasure Hunts to identify low- and no-cost energy savings measures.
- Integrating the ENERGY STAR score into its due diligence process for evaluating new properties, to better understand asset risk as it relates to energy use and the impacts of energy benchmarking disclosure laws.

- Continuing to promote educational resources that leverage ENERGY STAR through its Our Green Impact initiative, which engages approximately 10,000 MetLife employees. The program provides both on-site and virtual environmental education opportunities, such as Energy Action Month, an online discussion forum, green tips counting down until Earth Day, a newsletter, and volunteer events.
- Hosting the sixth year of its EcoChallenge event, which is a two-week competition encouraging the adoption of eco-friendly habits, including conserving energy through ENERGY STAR best practices and installing ENERGY STAR certified products.

Nissan North America, Inc. **Franklin, Tennessee**

Nissan North America, Inc. manufactures motor vehicles in North America. Nissan maintained ENERGY STAR® certification at two out of four of its U.S. manufacturing plants, despite impacts on production caused by supply chain interruptions. Key 2021 accomplishments include:

- Tracking energy performance for over 40 facilities using ENERGY STAR tools to drive greater energy efficiency.
- Actively supporting the ENERGY STAR Motor Vehicle Industry Focus and ENERGY STAR industrial partnership through mentoring, benchmarking, and sharing information.
- Helping 13 schools in Mississippi earn ENERGY STAR certification by providing pro-bono professional engineer reviews.
- Setting a new goal to be carbon neutral by 2050.
- Launching new employee awareness initiatives focused on reducing lighting energy consumption.

Northwestern University **Evanston, Illinois**

Northwestern University is a private academic and research university. In 2021, Northwestern made continued progress toward its energy use, water use, and greenhouse gas emissions reduction goals, including by improving the average ENERGY STAR® score of its buildings. Key 2021 accomplishments include:

- Expanding the number of buildings that benchmark water use in ENERGY STAR Portfolio Manager®.
- Finalizing a five-year energy management contract that aims to reduce its carbon emissions and provide learning opportunities for students.
- Launching an infrastructure master planning effort.
- Achieving a higher average 1-100 ENERGY STAR score across its portfolio of buildings relative to the year prior.
- Incorporating mention of its ENERGY STAR Partner of the Year—Sustained Excellence award into the institution's annual sustainability report, campus sustainability tours, and other communications.

Nuveen Real Estate **New York, New York**

Nuveen Real Estate is a real estate investment management firm. Nuveen has demonstrated outstanding energy management across its portfolio and has maintained its continued dedication to ENERGY STAR®. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for more than 45 properties.

- Leveraging ENERGY STAR Portfolio Manager® to track regulatory benchmarking exposure, achieve a global EUI reduction goal, and identify data gaps to improve data accuracy and ensure building certification.
- Delivering training to 100% of its internal staff to educate them on the principles of sustainability in real estate and the importance of achieving quality data analysis using ENERGY STAR Portfolio Manager.
- Engaging with property management companies monthly to communicate ENERGY STAR related topics such as ENERGY STAR Portfolio Manager benchmarking requirements, ENERGY STAR building certification deadlines and requirements, ENERGY STAR Portfolio Manager onboarding and profile management information, and ENERGY STAR Portfolio Manager information sharing.

Office Properties Income Trust

Newton, Massachusetts

Office Properties Income Trust is a real estate investment firm. Office Properties Income Trust has maintained an ongoing dedication to improving its energy management program, leveraging ENERGY STAR® tools and resources in unique ways to communicate throughout its organization. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 44 buildings.
- Expanding on its active real-time data capture program with automated weekly, bi-weekly, and monthly reporting on ENERGY STAR scores, energy consumption, and energy-related spending at 39 buildings, representing over 5.8 million square feet.
- Collaborating with five tenants to support them in pursuing ENERGY STAR Tenant Space® recognition as part of its annual energy reduction competition, covering more than 290,000 square feet of tenant space.
- Including ENERGY STAR news and trainings in company newsletters, internal media platforms, and lobby dashboards, as well as new hire and regional trainings.
- Communicating ENERGY STAR successes to external stakeholders through press releases and providing direct messaging to tenants via email campaigns and common space posting regarding ENERGY STAR topics and recommendations for simple ways to reduce energy consumption.

Principal Real Estate Investors

Des Moines, Iowa

Principal Real Estate Investors is the dedicated real estate investment group of Principal Global Investors. Principal Real Estate has continually integrated ENERGY STAR programs and resources into its energy management and investment strategies and has continued its corporate commitment to energy conservation. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 20 buildings.
- Benchmarking 100% of its portfolio in ENERGY STAR Portfolio Manager®.
- Committing to reducing GHG emissions by 40% by 2035 at a portfolio level through its PRPI initiative, which requires all participating assets to complete monthly benchmarking of energy, water, and waste through ENERGY STAR Portfolio Manager.
- Completing the third year of its PRPI Cornerstone Awards program and recognizing three properties for their sustainability leadership, with special emphasis on energy efficiency and ENERGY STAR, by sharing their accomplishments with stakeholders via property team newsletters, Twitter posts, website articles, and award packets to the winning teams.

- Continuing to integrate industrial properties into its PRPI initiative by benchmarking industrial properties in ENERGY STAR Portfolio Manager, training accompanying property managers, and including industrial properties in its bimonthly property manager PRPI Newsletter and quarterly Portfolio Performance Report.

Raytheon Technologies **Waltham, Massachusetts**

Raytheon Technologies is an aerospace and defense company that provides advanced systems and services for commercial, military, and government customers worldwide. Raytheon Technologies demonstrated continued leadership in leveraging ENERGY STAR® tools to advance energy and decarbonization management practices, achieving over 6.45 million kWh and 33,859 therms in annual energy savings from the energy projects implemented in 2021. Key accomplishments for 2021 include:

- Continuing to strengthen and align energy management across all business areas, following a 2020 merger based on framework and best practices from the ENERGY STAR Guidelines for Energy Management and Energy Program Assessment Matrix.
- Engaging 590 employees in virtual energy fairs to facilitate the purchase of 11,950 ENERGY STAR products through utility-sponsored partnerships, saving the employees nearly 140,000 kWh annually.
- Supporting the ENERGY STAR Industrial Partnership and Aerospace Focus through presentations, mentoring of new companies, and active participation.

Scott County Schools **Georgetown, Kentucky**

Scott County Schools (SCS) is a school district in Kentucky. SCS leveraged ENERGY STAR® to engage stakeholders, district officials, custodians, teachers, and students as part of the monthly Energy Reduction Award program. Key 2021 accomplishments include:

- Saving more than \$9.4 million in energy costs since 2010, equivalent to the funds required to employ 240 teachers for one year.
- Achieving ENERGY STAR certification at 14 schools and maintaining a district-wide average ENERGY STAR score of 82.
- Communicating ENERGY STAR and energy efficiency goals to all community stakeholders through newspaper articles, as well as through in-person presentations from the energy manager to students and School Board members.
- Engaging students in energy savings teams that compete monthly for an “energy banner” and additional recognition.
- Installing efficient LED lighting and geothermal heat pumps in school retrofits.

SL Green Realty Corp. **New York, New York**

SL Green Realty Corp. is a fully integrated real estate investment trust. SL Green has consistently promoted ENERGY STAR® tools and best practices throughout the industry and has engaged in robust tenant outreach and education programs for internal staff focusing on energy management. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 13 buildings across its New York City and suburban portfolios.
- Continuing to benchmark 100% of its portfolio in ENERGY STAR Portfolio Manager®.
- Achieving ENERGY STAR Tenant Space recognition for its new corporate headquarters and promoting the recognition program to its tenants.
- Continuing to highlight and promote its ENERGY STAR achievements through communications channels that reach more than 150,000 shareholders, tenant organizations, and investors.
- Enhancing its on-site training tools for engineers and property managers by using a cloud-based learning management system that educates employees on the operation and maintenance of mechanical systems, leading to improvement in portfolio-wide ENERGY STAR scores.
- Engaging external stakeholders with ENERGY STAR content through elevator screens, tenant events, building plaques, its corporate website, tenant newsletters, speaking engagements, social media, and press releases.

Target Corporation

Minneapolis, Minnesota

Target Corporation is an upscale discount retailer. Target has demonstrated ongoing dedication to corporate sustainability, leveraging the ENERGY STAR® program to achieve its environmental goals. Key 2021 accomplishments include:

- Reducing energy across all buildings and increasing its portfolio-wide ENERGY STAR score to 75.
- Earning ENERGY STAR certification for 13 stores.
- Replacing backroom lighting with LEDs and upgrading nearly 2,000 HVAC units, resulting in 64 M kWh estimated annual savings.
- Educating customers about ENERGY STAR through its corporate website, indoor signage, weekly circulars, and social media.

The Boeing Company

Chicago, Illinois

The Boeing Company (Boeing) is an aerospace and defense company and manufacturer of commercial jetliners, defense, space and security systems, and service provider of aftermarket support. Boeing used ENERGY STAR® tools and resources to strengthen its energy management program, delivering greenhouse gas reductions across its operations. Key accomplishments for 2021 include:

- Achieving net-zero emissions in scope 1, scope 2, and business travel emissions through a combination of energy efficiency, renewable energy procurement, and carbon offsets.
- Investing \$8.5 million in a new fund appropriated for capital conservation projects.
- Setting goals to use 100% renewable electricity by 2030 and reduce energy consumption by 10% by 2025 from a 2017 baseline.
- Motivating employees to action through the company's annual Battle of the Buildings competition, based on ENERGY STAR's model. The competition reached 168 sites across 39 countries and resulted in more than 72,000 actions being taken to improve the environment.
- Supporting the ENERGY STAR industrial partnership and Aerospace Focus through presentations, mentoring, and active participation.

The RMR Group LLC

Newton, Massachusetts

The RMR Group LLC is an asset management company. RMR has demonstrated a commitment to improving its portfolio energy management program, leveraging ENERGY STAR® tools and resources in unique ways to communicate throughout its organization. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 62 buildings.
- Increasing its portfolio average ENERGY STAR score from 67 in 2020 to 69 in 2021.
- Hosting its annual building competition, with a focus in 2021 on engaging tenants and working with them to pursue ENERGY STAR Tenant Space recognition.
- Hosting regional training modules, including virtual new hire and 3rd party broker sessions, that focus on RMR corporate sustainability initiatives, including the value of its ENERGY STAR partnership, ENERGY STAR certification, and energy benchmarking.
- Communicating about ENERGY STAR across multiple internal channels, including its SharePoint website, Yammer, newsletters, regional events, its corporate website, press releases, social media, and bulletin board posts in common areas.
- Committing to setting emissions reduction targets aligned with the Science Based Targets Initiative's Business Ambition for 1.5°C campaign.

Tishman Speyer

New York, New York

Tishman Speyer is an owner, developer, and operator of real estate. Tishman Speyer has maintained its excellent energy management plan across its portfolio and implemented new training programs that leverage ENERGY STAR® tools and resources. Key 2021 accomplishments include:

- Benchmarking 100% of its properties in ENERGY STAR Portfolio Manager®.
- Maintaining an operations-focused energy efficiency training program for all building engineering teams, with a goal of developing new efficiency and conservation efforts and better understanding how operational changes can impact ENERGY STAR scores.
- Introducing new sustainability sections into quarterly investor reporting, which covers specific building performance, including ENERGY STAR scores.
- Collaborating with tenants to maximize energy efficiency efforts in leased spaces, including the development of new energy performance reports that are delivered along with invoices.
- Committing to achieve net-zero carbon emissions for its operations across its global portfolio by 2050.

USAA Real Estate

San Antonio, Texas

USAA Real Estate is the real estate investment arm of USAA. USAA Real Estate has continued to find new opportunities to improve energy efficiency in its diverse portfolio while promoting the ENERGY STAR® program across the industry. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 35 buildings.
- Increasing its average portfolio ENERGY STAR score by more than three percent since 2020.

- Investing in building automation system upgrades and analyzing benchmarking data to optimize energy efficiency, uncovering an energy savings opportunity of \$70,000 annually at a single building as just one example.
- Improving its data exchange process to validate data collection and benchmarking through ENERGY STAR Portfolio Manager®.
- Highlighting ENERGY STAR achievements in its annual sustainability report, which is distributed to internal and external audiences.

Verizon

New York, New York

Verizon is a telecommunications company. Verizon has continued to find new opportunities to improve energy efficiency in its portfolio, while promoting the ENERGY STAR® program to its employees and customers. Key 2021 accomplishments include:

- Certifying four stores and two data centers as ENERGY STAR, for a total of 648 certifications since 2002.
- Funding LED lighting projects in 219 stores, saving an estimated 30.5 M kWh of energy annually.
- Installing 4 MW of on-site solar and 79 ENERGY STAR certified electric vehicle charging stations.
- Educating customers and employees about ENERGY STAR through corporate website, newsletters, videos, and reports.
- Using ENERGY STAR to support its goal of achieving carbon neutrality for Scope 1 and 2 emissions by 2035.

Vornado Realty Trust

New York, New York

Vornado Realty Trust is a fully integrated real estate investment trust. Vornado maintained its excellent energy management program and consistently promoted ENERGY STAR® and energy efficiency programs throughout its organization, including to its tenants. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 13 buildings.
- Benchmarking 100% of its assets for energy, 99% for water and 70% for waste in ENERGY STAR Portfolio Manager®.
- Continuing ENERGY STAR Treasure Hunts with two large retail tenants, resulting in total savings of 217,000 kWh and \$50,000 in annual energy costs.
- Achieving ENERGY STAR Tenant Space® recognition for its New York corporate office.
- Hosting its sixth annual Tenant Roundtable for tenants from New York and San Francisco, representing more than 9.1 million square feet. The roundtable included sessions promoting ENERGY STAR Tenant Space, ENERGY STAR Treasure Hunt campaigns, and the “Bring Your Green to Work with ENERGY STAR” campaign.

Welltower

Toledo, Ohio

Welltower Inc. is a real estate investment trust. Welltower continued to improve its operational efficiency by using ENERGY STAR® as the foundation of its energy management program, reducing energy across its portfolio. Key 2021 accomplishments include:

- Certifying 10 senior living communities as ENERGY STAR.

- Beta-testing the updated ENERGY STAR scoring model for medical office buildings and providing survey data to enhance the offerings of ENERGY STAR Portfolio Manager®.
- Promoting ENERGY STAR tools and resources through stakeholder engagement initiatives, including a property management sustainability handbook, new hire training, newsletters, and social media platforms.

Home Energy Rater/Provider

EnergyLogic, Inc. Berthoud, Colorado

EnergyLogic, a home energy rating and applied building science company, certified more than 1,500 homes as ENERGY STAR® in 2021 and helped to improve the rating industry through education and mentorship. Key 2021 accomplishments include:

- Recruiting eight new builder partners and adding two new rater partner companies that registered ENERGY STAR certifications for the first time in 2021, along with helping existing partners increase their participation.
- Providing technical support and training for home energy raters, program stakeholders, and other industry professionals to ensure consistent application of ENERGY STAR program requirements.
- Enhancing its website to promote the advancement of energy-efficient building practices and the value of ENERGY STAR certification and associated EPA whole-house labels, such as Indoor AirPLUS and WaterSense.
- Providing applied building science consultations to help clients incorporate the latest trends, materials, systems, and technologies and enhance their success with the ENERGY STAR program.
- Leveraging its "QA GenieLite" quality assurance software to help ensure the quality and consistency of ENERGY STAR home certifications.

GDS Associates - Home Energy Ratings of New England Marietta, Georgia

GDS Associates - Home Energy Ratings of New England, a home energy rating company, certified more than 1,300 homes as ENERGY STAR® in 2021 and recruited over 30 new builder partners to the ENERGY STAR program across its Maine, Massachusetts, and New Hampshire service area. Key 2021 accomplishments include:

- Adapting a project design specification to meet ENERGY STAR's Multifamily New Construction program requirements for a 380-unit, six-story development, a first for both GDS and the developer.
- Developing fuel summary savings reports for model homes constructed by production builders that can be used when engaging potential buyers on the differences between minimum code-compliant homes and ENERGY STAR certified homes.
- Conducting in-field training and post-inspection reviews of field data and rating documentation to promote continued improvement in home energy rating quality.
- Utilizing advanced energy modeling practices to transition clients away from ducted fossil-fuel mechanical systems towards ductless mini-split heat pump technology.
- Including homeowners during in-field inspections to explain the home performance advantages and robust third-party inspection protocols provided by ENERGY STAR certification.

MaGrann Associates

Mt Laurel, New Jersey

MaGrann Associates, a home energy rating company, certified more than 1,100 homes as ENERGY STAR® in 2021 and recruited 10 new builders to become partners in the program. Key 2021 accomplishments include:

- Expanding builder engagement opportunities by offering both in-person and virtual New Construction Team meetings at project kick-off and throughout the construction process.
- Creating a Director of Quality position to increase the capacity and effectiveness of quality assurance activities across the organization.
- Refining its proprietary tablet application for fieldwork verification to enhance remote quality assurance practices, adding specific features for Multifamily New Construction such as project photos and geotagged reports.
- Developing a new training series on green building programs, including content on the benefits of ENERGY STAR certification, that was presented to over 250 industry professionals.
- Highlighting ENERGY STAR partnership as a core aspect of its corporate identity and promoting the program with all potential new clients.

Pando Alliance

Ellicott City, Maryland

Pando Alliance, a home energy rating company, certified more than 1,100 dwelling units as ENERGY STAR® in 2021, increasing certifications by over 40% from 2020. Key 2021 accomplishments include:

- Providing technical support to architecture firms, general contractors, and project teams and delivering hands-on training and other assistance throughout the design and construction process to facilitate the most cost-effective solutions for achieving ENERGY STAR certification.
- Increasing the rigor of its quality assurance protocols by adding a new process to separately track sampled components throughout a project, allowing for enhanced oversight of these measures.
- Promoting ENERGY STAR across its website, social media, technical handouts, and presentations.
- Developing Operations and Maintenance (O&M) manuals for multifamily property owners to provide detailed specifications, operating instructions, and maintenance recommendations for ENERGY STAR certified buildings.
- Reviewing mechanical ventilation strategies and engaging with mechanical engineers to identify best practices for balancing performance, efficiency, and cost.
- Providing technical field training for trades and subcontractors early in the construction process to establish performance expectations and inspection and testing requirements for ENERGY STAR.

PEG, LLC

Fairfax, Virginia

PEG, a home energy rating and HVAC design engineering company, certified more than 7,000 homes as ENERGY STAR® in 2021, for a cumulative total of nearly 90,000 since 2007. Key 2021 accomplishments include:

- Expanding participation in ENERGY STAR with both existing and new builder partners, recruiting several regional builders that will deliver thousands of new ENERGY STAR certified homes.

- Spearheading several pilot programs for the new HVAC Grading Standard that documented improved accuracy of equipment installation and reduced comfort-related warranty expenses, resulting in a large production builder partner committing to adopt HVAC Grading in all of its new homes.
- Providing technical support for Fannie Mae's Green Mortgage-Backed Security (MBS) program, which issued more than 400 million dollars in green bonds backed by loans secured with single-family properties achieving ENERGY STAR certification.
- Publicizing ENERGY STAR on all social platforms and promoting the program to all potential new clients.
- Enhancing its field data collection application to improve the efficiency and quality of ratings for ENERGY STAR certified homes.

Southern Energy Management

Raleigh, North Carolina

Southern Energy Management, a home energy rating company, continued its commitment to ENERGY STAR® in 2021 by certifying more than 1,000 homes, recruiting new partners to join the program, and maintaining its support for multiple production builder partners. Key 2021 accomplishments include:

- Recruiting five new builders to the program and transitioning current partners to commit to building 100% of their homes to meet ENERGY STAR program requirements.
- Creating showroom displays and “silent sellers” to help builders showcase the features and benefits of ENERGY STAR certification.
- Communicating best building practices through monthly newsletters, blog posts, and continuing education opportunities, keeping over 2,000 builders, contractors, and homeowners informed about the latest developments with ENERGY STAR.
- Creating a dedicated quality assurance team to monitor home energy raters, provide timely feedback, and identify opportunities for one-on-one training to improve performance.
- Providing on-demand access to ENERGY STAR marketing materials for builder clients through its “High-Performance Homes Resource Hub.”
- Training field technicians and initiating a new pilot program to increase builders’ use of the new HVAC Grading Standard.

TopBuild Home Services

Daytona Beach, Florida

TopBuild, a home energy rating company, certified more than 9,000 homes as ENERGY STAR® in 2021, for a cumulative total of nearly 190,000 since 1996. Key 2021 accomplishments include:

- Providing value engineering and energy modeling services to help ENERGY STAR builder partners succeed in cost-effectively certifying their homes to meet program requirements.
- Conducting training sessions for builder construction managers and sales staff across the country to help them implement and sell the value of the ENERGY STAR program.
- Creating a new module in its internal software to validate rater field photos, increasing quality assurance for home energy ratings and ENERGY STAR certifications.
- Working with homebuilders in Puerto Rico to help them to certify their homes as ENERGY STAR as part of the Rebuild Puerto Rico program.

U.S. EcoLogic
Irving, Texas

U.S. Eco Logic, Inc. | TexEnergy Solutions, a home energy rating company, certified more than 1,900 homes as ENERGY STAR® in 2021, a 60% increase from the prior year, for a total of more than 54,000 since 2002. Key 2021 accomplishments include:

- Preparing builder partners for success with the new HVAC Grading Standard, an important new initiative to help builders achieve ENERGY STAR certification for their homes.
- Providing tailored sales training for builder sales agents and independent real estate professionals, enabling them to better value and sell the features and benefits of ENERGY STAR certified homes.
- Providing training for purchasing staff and sales managers of newly recruited builders to ensure that ENERGY STAR program requirements are understood, and best-practice sales techniques are employed.
- Upgrading its cloud-based inspection platform to include both “geo-location” and timestamps to ensure that inspection durations are consistent with appropriate inspection timelines.

New Home Builder and Affordable Housing

Beazer Homes USA, Inc. Atlanta, Georgia

Beazer Homes USA, Inc., a large national home builder, constructed more than 5,300 ENERGY STAR® certified homes in 2021, for a cumulative total of nearly 75,000 homes since joining the program in 2011. Key 2021 accomplishments include:

- Utilizing ENERGY STAR to promote its commitment to energy efficiency and sustainability throughout all forms of print and electronic media, including in its “Surprising Performance” messaging campaign that provides an inside look at a home’s construction.
- Conducting frequent and ongoing sales, builder, and customer care training to more than 200 team members annually on the features and benefits of ENERGY STAR certified homes.
- Holding quarterly meetings with contractors and construction staff, working with home energy rating companies to benchmark the quality of HVAC installations, and quickly identifying architectural plans that do not meet ENERGY STAR program requirements.
- Relying on ENERGY STAR as the foundation for its multi-year initiative of constructing homes that earn EPA’s Indoor airPLUS certification and are net-zero energy ready.
- Serving as board and committee members for industry organizations that promote increased energy efficiency in the residential sector.

Brighton Homes Meridian, Idaho

Brighton Homes, a local home builder, constructed more than 220 ENERGY STAR® certified homes in 2021 for a cumulative total of nearly 1,900 homes since joining the program in 2009. Key 2021 accomplishments include:

- Integrating ENERGY STAR in all print and electronic marketing materials and promoting ENERGY STAR certification as one of its core values.
- Continuing to partner with Intermountain Gas Company to educate consumers about the value of ENERGY STAR through social media and local Parade of Homes campaigns.
- Promoting ENERGY STAR with full-page print advertisements in multiple local magazines, including Boise Lifestyle Magazine, Idaho Business Review, Meridian Lifestyle Magazine, and Best of Idaho Magazine.
- Providing ENERGY STAR focused training for all sales agents, site superintendents, and warranty representatives throughout the construction process, enabling them to effectively communicate about the features and benefits of ENERGY STAR certification.
- Including a question about the importance of ENERGY STAR certification in surveys of homebuyers conducted immediately after closing and after one year of ownership.

Chinburg Builders

Newmarket, New Hampshire

Chinburg Builders, a regional home builder, has built over 700 ENERGY STAR certified homes since joining the program in 2004. The company demonstrated its ongoing commitment to building and selling ENERGY STAR certified homes by promoting ENERGY STAR® in all of its print and electronic marketing materials. Key 2021 accomplishments include:

- Employing ENERGY STAR messaging extensively throughout the entire buying process, including in model homes, promotional brochures, and its new design center.
- Increasing the number of website-generated leads by 25% from buyers specifically searching for information about its ENERGY STAR certified homes.
- Contracting with several new HVAC subcontractors to perform equipment installations and commissioning that meets all ENERGY STAR certified home requirements.
- Educating its third-party real estate brokerage and affiliates about ENERGY STAR certified homes and encouraging them to share information with other builder clients.
- Conducting ongoing on-site and off-site training of construction and sales teams to ensure understanding of all ENERGY STAR requirements, while including ENERGY STAR messaging in all customer communications.

Fulton Homes

Tempe, Arizona

Fulton Homes, a regional home builder, constructed nearly 1,000 ENERGY STAR® certified homes in 2021, for a cumulative total of almost 7,000 homes since joining the program in 2008. Key 2021 accomplishments include:

- Raising consumer awareness of ENERGY STAR certified homes through a multi-media outreach strategy that included its corporate website, social media, press releases, email communications, print and radio advertisements, model home signage, and online customer tools.
- Utilizing ENERGY STAR in all point-of-sale collateral and providing all new homebuyers with EPA's ENERGY STAR Home Maintenance Guide on properly operating the energy efficiency features of their new home.
- Appointing a dedicated on-site coordinator to work closely with all contractors and project managers to ensure all ENERGY STAR requirements have been met.
- Educating all construction, customer care, and sales staff about the features and benefits of ENERGY STAR certified homes through its online Fulton Homes Learning Academy.
- Maintaining a strong leadership position within the home building industry by presenting at major industry conferences and serving on the boards of industry efficiency associations, such as the Energy & Environmental Building Alliance.
- Constructing homes that also earn EPA's Indoor airPLUS and WaterSense certifications and moving toward net-zero energy home construction.

Ivey Residential, LLC.

Evans, Georgia

Ivey Residential, LLC, a locally owned home builder, constructed over 250 ENERGY STAR® certified homes in 2021, for a cumulative total of more than 1,600 since joining the program in 2006. Key 2021 accomplishments include:

- Holding regular meetings with HVAC contractors and raters to review and discuss current ENERGY STAR program requirements and to prepare to implement future program requirements.
- Promoting ENERGY STAR in all marketing materials, including its company website, blogs, videos, social media, print materials, and model home signage.
- Educating homebuyers on the features and benefits of ENERGY STAR certification at multiple touch points, including in model homes using a “Behind the Walls” display and during new buyer orientation at closing.
- Initiating a new program called “Ivey League Education” to help educate the local real estate professional community about the consumer advantages of its homes, including ENERGY STAR features and benefits.
- Installing an electric vehicle charger in the garage of every home constructed.

KB Home

Los Angeles, California

KB Home, a large national home builder, constructed over 10,000 ENERGY STAR® certified homes in 2021, for a cumulative total of more than 161,000 homes since 2000, and utilized ENERGY STAR as its preferred platform for communicating its achievements building homes that are more energy efficient and sustainable. Key 2021 accomplishments include:

- Featuring ENERGY STAR prominently and consistently throughout all print and online marketing materials, including its corporate website, model home signage, virtual house tours, and social media posts.
- Highlighting the environmental benefits of ENERGY STAR certified homes during meetings with key external stakeholders including Environmental, Social, and Governance (ESG) investors.
- Launching a satellite media tour that gained over 33 million media impressions and included key messaging about the features and benefits of ENERGY STAR certified homes.
- Highlighting its continued commitment to sustainability and ENERGY STAR certified homes in its annual corporate Sustainability Report.
- Engaging with key stakeholders on advancing a clean energy economy, including the construction of all-electric, energy-efficient homes.

Main Street Homes

Midlothian, Virginia

Main Street Homes, a local home builder, built nearly 300 ENERGY STAR® certified homes in 2021 for a cumulative total of more than 1,800 since 2001. Key 2021 accomplishments include:

- Promoting its ENERGY STAR certified homes in all print and electronic marketing channels, including an entire webpage dedicated to the features and benefits of certified homes.
- Providing training for sales staff across all divisions about the features and benefits of ENERGY STAR certified homes.
- Hosting four mandatory vendor, trade, and construction management training days at every division to provide continuous education on ENERGY STAR program requirements.
- Holding weekly pre-construction team meetings for each home to discuss ENERGY STAR requirements prior to field work and hosting virtual monthly trade council meetings during the pandemic to review, discuss, and plan for future ENERGY STAR program requirements.
- Overcoming housing material shortages, material price increases, and trade partner labor shortages to continue building all homes as ENERGY STAR certified.

Mandalay Homes Communities

Prescott, Arizona

Mandalay Homes, a regional home builder, constructed over 125 ENERGY STAR certified homes in 2021, for a total of nearly 1,200 since joining the program in 2013. Key 2021 accomplishments include:

- Including ENERGY STAR educational materials in construction progress updates sent to all homebuyers during the building process to remind them about the value of ENERGY STAR home certification.
- Conducting ongoing training for all sales teams, pre-sales home advisors, and construction management partners to ensure understanding of the consumer benefits of ENERGY STAR certification and its contribution to whole-house performance.
- Engaging frequently with other builders and industry professionals to share knowledge and experiences in building ENERGY STAR certified homes, including sharing data with local utilities to optimize rate plans for high performance homes.
- Updating construction methods to improve energy efficiency and indoor air quality, including installing a more efficient and durable duct system, moving towards actively conditioned attics over passive conditioning, and including advanced air purification systems.

Meritage Homes

Scottsdale, Arizona

Meritage Homes, a large national home builder, constructed more than 9,000 ENERGY STAR certified homes in 2021, for a cumulative total of more than 87,500 homes since 2001. Key 2021 accomplishments include:

- Utilizing ENERGY STAR in all consumer print and electronic marketing materials to distinguish its building practices as delivering superior energy efficiency and quality of life to homebuyers.
- Providing a four-day onboarding process for all new sales associates and construction professionals that includes education about the features and benefits of ENERGY STAR certified homes.
- Conducting annual reviews of its Innovation Standards to ensure that construction continues to meet all ENERGY STAR program requirements.
- Developing interactive customer collateral with embedded videos featuring information about ENERGY STAR certification and building practices.
- Implementing construction innovations that increase energy savings and comfort, including installing multispeed HVAC equipment in every home.
- Committing to build all homes in accordance with both EPA's ENERGY STAR and Indoor airPLUS program requirements.

New Tradition Homes

Vancouver, Washington

New Tradition Homes, a regional home builder, constructed more than 350 ENERGY STAR® certified homes in 2021, for a total of nearly 2,800 since joining the program in 2004. Key 2021 accomplishments include:

- Featuring ENERGY STAR prominently on all marketing materials and promotional activities as part of a two-year company-wide rebranding campaign.

- Increasing its digital marketing efforts with major online listing and search websites, yielding a total of more than 8 million targeted ad impressions served, all featuring ENERGY STAR.
- Educating all new homebuyers on proper operation and maintenance of their ENERGY STAR certified home during new home orientation, 60 days after move-in, and at the end of the two-year warranty period.
- Surveying all new homebuyers about the importance of energy efficiency and ENERGY STAR certification.
- Conducting in-house training of in-field and warranty staff members on ENERGY STAR program requirements.
- Delivering information about ENERGY STAR during industry conferences and meetings, including explaining ENERGY STAR HVAC guidelines during a meeting with officials from the City of Richland, WA.
- Initiating a new energy efficiency package featuring advanced air sealing and high-efficiency HVAC equipment to proactively stay ahead of new state energy code requirements.

Providence Homes Jacksonville, Florida

Providence Homes, a local home builder, constructed over 150 ENERGY STAR® certified homes in 2021, for a total of more than 1,800 since joining the program in 2009. Key accomplishments in 2021 include:

- Featuring ENERGY STAR information prominently in all marketing efforts, including social media posts, traditional print marketing materials, and its company website, where an entire webpage is dedicated to educating prospective homebuyers about ENERGY STAR certified homes.
- Entering four ENERGY STAR certified homes in the Northeast Florida Parade of Homes and promoting its program participation to consumers.
- Offering homes that also earn EPA's Indoor airPLUS certification, in addition to ENERGY STAR certification.
- Providing new homebuyers with a money-back guarantee that every home is inspected and tested to meet or exceed all ENERGY STAR requirements.

Product Brand Owner

A. O. Smith Corporation Milwaukee, Wisconsin

A. O. Smith Corporation is a manufacturer of water heating and water treatment products. A. O. Smith stood out for expanding and enhancing in-store marketing materials at more than 1,000 Lowes locations and highlighting the federal tax credit associated with its ENERGY STAR® certified tankless water heaters and heat pump water heaters. Key 2021 accomplishments include:

- Partnering with Lowe's and Good Morning America on the "This Green House" sustainability series. A. O. Smith provided an ENERGY STAR certified Signature® Series 50-gallon heat pump water heater for the project, and championed heat pump technology as a crucial player in home energy efficiency.

Air King America West Chester, Pennsylvania

Air King America, LLC is a manufacturer of ventilation and indoor air quality products. Air King expanded its commitment to converting home builders and distributors away from entry-level, inefficient vent fans toward high-performing ENERGY STAR® certified fans. Key 2021 accomplishments include:

- Launching a new "Total Home Ventilation" campaign to promote more efficient ENERGY STAR certified vent fans.
- Increasing sales of ENERGY STAR vent fans in three product lines, including a 52% sales growth of a fresh air fan that earned ENERGY STAR Most Efficient 2021 recognition. The fan includes a MERV16 air filter, which can filter out almost all contaminants including most viruses—a feature that was popular due to the pandemic.
- Making a difference in a category with limited ENERGY STAR selection by increasing sales of a certified range hood model by 25%.
- Proudly and prominently featuring ENERGY STAR certified products and their value on the company website and in its blog posts, social media, trainings, and marketing materials.
- Promoting the lowest cost ENERGY STAR certified exhaust fan on the market to serve budget builds, increasing sales by 6% as a result.
- Energizing employees at its U.S. factory, where 80% of the products are made, through its 10th annual ENERGY STAR Day festivities, filled with fun, treats, ENERGY STAR product giveaways, and ENERGY STAR tips in three languages.

Andersen Corporation Bayport, Minnesota

Anderson Corporation is a window and door manufacturer. It achieved outstanding outreach results, generating over 1.4 billion impressions across its ENERGY STAR® marketing, communication, and consumer education efforts, and over 1 billion impressions from more than one thousand placements resulting from press releases featuring ENERGY STAR content. Key 2021 accomplishments include:

- Expanding use of an innovative, new, thin triple glass option (Enhanced Triple Pane glass) to window product lines for its full network of retailer locations.
- Partnering with a major home improvement retailer to feature ENERGY STAR in a 12-week campaign on Google and YouTube, generating over 15 million impressions.
- Providing training on ENERGY STAR for over 5,000 in-house employees and over 6,000 retailer, dealer, and contractor employees.

Beko US, Inc.

Bolingbrook, Illinois

Beko US, Inc. is a home appliance and consumer electronics manufacturer. Beko continues to push for innovation and sustainability in its product designs to deliver high levels of efficiency and savings for its customers. Key 2021 accomplishments include:

- Expanding the number of ENERGY STAR® certified product offerings by approximately 6%, despite the pandemic.
- Qualifying six refrigerators and freezer models with advanced adaptive compressor systems and two induction cooking product models for ENERGY STAR Emerging Technology Award recognition.
- Promoting the value of ENERGY STAR to its customers by engaging in various ENERGY STAR campaigns and promotions, including Earth Day, Flip Your Fridge, ENERGY STAR Day, and heat pump dryer campaigns.
- Promoting ENERGY STAR extensively in virtual and in-person trade shows and events, including the Solar Decathlon, in which Beko provided 6 schools with ENERGY STAR kitchen products.

Bradford White Corporation

Ambler, Pennsylvania

Bradford White Corporation is a manufacturer of residential, commercial, and industrial products for water heating, space heating, combination heating, and storage applications. Bradford White demonstrated its leadership through active participation in ENERGY STAR's® Manufacturers Action Council, with a focus on advancing contractor training, consumer sales, and utility program best practices. Key 2021 accomplishments include:

- Developing six new educational videos featuring ENERGY STAR certified water heater models, shared across social media.
- Offering over 60 ENERGY STAR certified water heater models, including four new ENERGY STAR certified products.
- Supporting the Northwest Energy Efficiency Alliance Heat Pump Water Heater Marketing Campaign with integrated marketing initiatives featuring ENERGY STAR. The campaign produced 6,532,497 impressions and 7,282 clicks across the deployed assets, including 14,218 total views on Bradford White's YouTube channel.
- Conducting over 100 classes for energy advisors, utility implementers, builders, distributors, and contractors teaching the principles of ENERGY STAR certified heat pump water heaters for more than 1,000 attendees.
- Deploying an educational campaign for builders in Colorado to spur the adoption of beneficial electrification in new home construction and expand the role of ENERGY STAR and heat pump water heaters in the new construction environment.

Broan-NuTone
Hartford, Wisconsin

Broan-NuTone offers ventilation products including ventilation and supply fans, kitchen ventilation, and heat and energy recovery ventilators. In 2021, Broan-NuTone introduced a variety of new ENERGY STAR® certified vent fans and range hoods with unique and distinctive features at national retailers. Key 2021 accomplishments include:

- Launching six new range hood models that earned ENERGY STAR certification and investing in two additional new models for a 2022 launch, increasing the selection of certified models in a particularly limited category.
- Training sales staff at about 5,000 retail and distributor locations about the value of ENERGY STAR ventilating fans.
- Introducing three new certified exhaust fan models with real-time selectable light color at mass merchandisers Costco, Lowe's, Amazon, and Menards.
- Increasing consumer awareness of ENERGY STAR in the category with updated display signage and model placement at major national big box retailers.

Canon U.S.A., Inc.
Melville, New York

Canon U.S.A., Inc. is a consumer, business, and industrial imaging solution manufacturer. Over the course of 2021, Canon engaged with over 4.2 million consumers through social media, featuring the energy and cost savings and environmental benefits of ENERGY STAR® and trained employees at over 400 branches in how to use ENERGY STAR as a sales tool. Key 2021 accomplishments include:

- Developing a new toner design and improved motors for its latest generation of imaging equipment, which further reduced energy consumption by 18 percent.
- Earning ENERGY STAR certification for over 90% of its products.
- Retraining its entire workforce to reinforce the importance of ENERGY STAR to the environment and its business.
- Participating in Earth Day and ENERGY STAR Day social media activities, reaching over 52,000 potential customers.

Cooper Lighting Solutions
Peachtree City, Georgia

Cooper Lighting Solutions is a lighting manufacturer. As Americans make strides to decarbonize their homes, Cooper works diligently to meet that need by driving lighting innovation and availability of new ENERGY STAR® products that make a meaningful impact. Key 2021 accomplishments include:

- Delivering over three thousand Gigawatt-hours of energy savings and two million metric tons of greenhouse gas reductions, in 2021 alone, through its sales of ENERGY STAR certified downlights.
- Partnering with EPA to celebrate ENERGY STAR Day and help its customers Save Today, Save Tomorrow, Save for Good through its social channels, which garnered over ten million impressions.
- Incorporating ENERGY STAR into its in-store downlight displays and endcaps, producing over one million impressions in 2021.

Delta Electronics (Americas) Ltd.
Fremont, California

Delta Electronics (Americas) Ltd. is a provider of power and thermal management solutions such as ventilation fans. Delta demonstrated outstanding commitment to making efficient DC motor-based vent fans, earning ENERGY STAR® certification for more than 90% of eligible products. Key 2021 accomplishments include:

- Supplying more than 600,000 ENERGY STAR certified fans to apartments, student housing, senior living, and hotels.
- Providing rich training resources to employees and more than 26,500 distributor and retailer staff on the benefits of ENERGY STAR certified ventilation fans.
- Training all new and existing employees about the meaning and importance of ENERGY STAR certification.
- Reaching more than one million unique visitors with ENERGY STAR web marketing.

Emerson Sensi
Saint Louis, Missouri

Emerson Sensi offers heating, ventilation, and air conditioning (HVAC) controls including the Sensi smart thermostat solution. Emerson's impressive marketing efforts brought ENERGY STAR® content to over 1.1 million unique consumers. Key 2021 accomplishments include:

- Training half of its distributor and retailer locations, for a total of 10,000 people, on the meaning and value of ENERGY STAR certification.
- Promoting ENERGY STAR to more than 12 million HGTV viewers by participating in a virtual media tour.
- Improving scheduling and integration with Alexa energy dashboard, to give users more insight into and control over their energy use.
- Working with its local utility to run an ENERGY STAR Day promotion event for employees, distributing close to one thousand home energy efficiency kits and encouraging employees to take the ENERGY STAR Pledge.
- Facilitating demand response programs, with more than 75,000 ENERGY STAR certified Sensi smart thermostats now participating, representing 100MW of controllable load.

GE Lighting, a Savant company
East Cleveland, Ohio

GE Lighting, a Savant company, is a lighting manufacturer. Across a broad swath of retail locations, GE/Savant's efforts to incorporate the ENERGY STAR® message of energy savings make it simple for consumers to bring energy-efficient ENERGY STAR bulbs into their home. Key 2021 accomplishments include:

- Educating customers about the value of ENERGY STAR through social media in coordination with the ENERGY STAR Earth Day and ENERGY STAR Day campaigns via Facebook, LinkedIn, and Instagram.
- Selling ENERGY STAR certified LEDs at over 50,000 individual store locations that span the retail spectrum.
- Featuring ENERGY STAR Light the Moment campaign materials with thousands of endcaps in hundreds of home improvement retail store locations, which generated over eleven million impressions.

Greenlite

Pointe-Claire, Quebec

Greenlite is a lighting manufacturer. In the past year, Greenlite worked steadfastly with food bank programs and ultimately delivered over 15 million ENERGY STAR® certified light bulbs to those in need at little to no cost. Key 2021 accomplishments include:

- Innovating in its selection of ENERGY STAR models to introduce certified smart LED bulbs, LED desk lamps, and lamps that change color according to temperature, depending on the time of day.
- Increasing its sales of ENERGY STAR light bulbs through utility-supported, low-to-middle income programs dedicated to reducing utility costs of those that can least afford high bills.
- Ensuring the ENERGY STAR label is prominently included on every in-store display, product package, and trade expo pavilion.

Hoshizaki America, Inc.

Peachtree City, Georgia

Hoshizaki America, Inc. is a commercial food service equipment manufacturer. Hoshizaki advanced the cause of efficiency by completing major design and production improvements to its products, and complemented that effort with enthusiastic promotion of ENERGY STAR®. Key 2021 accomplishments include:

- Expanding its KMEdge X technology to all commercial ice machines, resulting in faster ice production, shorter cleaning times, and a reduction in water use for its ENERGY STAR certified products.
- Making production and efficiency design improvements to all of its 86 refrigerator and freezer models, including 14 ENERGY STAR models.
- Providing ENERGY STAR related virtual trainings to over 3,000 retailers and distributors.
- Promoting ENERGY STAR Day through press releases, videos, social media, print advertisements, literature, and sales tools.

Howe Corporation

Chicago, Illinois

Howe Corporation is a U.S. manufacturer of commercial icemaking equipment. Howe demonstrated unwavering commitment to the ENERGY STAR® program through wide-ranging engagement efforts, extensive marketing, and the production of energy-efficient icemakers with low global warming potential refrigerant options. Key 2021 accomplishments include:

- Advancing ENERGY STAR program effectiveness through targeted outreach to industry leaders regarding test standard development and energy efficiency comparisons between self-contained and rack connected ice machines.
- Training a high percentage of staff across multiple areas of expertise (engineering, sales and marketing, leadership, shipping, and manufacturing) on the ENERGY STAR program benefits and partner responsibilities.
- Featuring educational content for customers that highlights the ENERGY STAR label through multiple social media posts, blogs, promotional videos, and trade shows as well as a dedicated webpage listing all of its ENERGY STAR certified models.
- Participating in ENERGY STAR webinars, 2021 partner meeting, and virtual product expo.

ITW Food Equipment Group

Troy, Ohio

ITW Food Equipment Group is a commercial food service equipment manufacturer. ITW extended its longstanding commitment to developing and promoting ENERGY STAR® products by introducing new certified commercial dishwasher, fryer, and oven models. Key 2021 accomplishments include:

- Expanding its ENERGY STAR certified Warewash commercial dishwasher offerings and introducing a certified Vulcan brand fryer as well as a Baxter double rack oven, providing increased energy efficiency.
- Maintaining ENERGY STAR certification for over 90% of its commercial fryer and convection oven models.
- Growing the Hobart Warewash obsolete program, which targets older units for upgrade to new ENERGY STAR certified units, by providing owners of legacy equipment with cost and energy savings figures.
- Actively participating in the ENERGY STAR Commercial Refrigerator and Freezer product specification revision process through the Traulsen brand.
- Training 100% of the company's sales force and conducting over 300 webinars for distributors and retail employees.

L'Image Home Products

Montreal, Quebec

L'Image Home Products is a lighting manufacturer. In 2021, L'Image maintained its strong ENERGY STAR® product and promotional presence in dollar stores, connecting consumers to utility rebates from over 80 utility programs. Key accomplishments for 2021 include:

- Saving over 200 million KWh of energy through the sale of ENERGY STAR certified light bulbs and fixtures across its business.
- Coordinating with EPA on creative social media efforts that support ENERGY STAR Day and Earth Day campaigns with Enviro.
- Bolstering its relationship with high-profile national dollar stores to give shoppers the ability to save energy at home with high-quality ENERGY STAR LED bulbs.

LG Electronics, Inc.

Englewood Cliffs, New Jersey

LG Electronics, Inc. is a provider of consumer electronics, home appliances, as well as B2B and energy solutions. In 2021, LG continued its extensive commitment to ENERGY STAR® by achieving record sales of ENERGY STAR and ENERGY STAR Most Efficient models and prominently showcasing ENERGY STAR in promotions and marketing. Key 2021 accomplishments include:

- Increasing sales of ENERGY STAR certified products by 45% over the previous year and surpassing 1.5 million ENERGY STAR Most Efficient products sold, equating to 10 ENERGY STAR certified products sold every minute.
- Expanding the percentage of models earning the ENERGY STAR label for dishwashers, refrigerators, laptop computers, and laundry products by double digits.
- Celebrating the 2 millionth ENERGY STAR certified washer rolling off the line at its Tennessee manufacturing plant, only two years after it opened.
- Generating over 3 billion consumer impressions through its promotions of ENERGY STAR certified products, including participation in ENERGY STAR Earth Day, ENERGY STAR Day, and Twelve Days of ENERGY STAR campaigns.

- Partnering with Lowe's to provide ENERGY STAR certified kitchen and laundry appliances, as well as an induction cooktop, for the energy efficiency home upgrade featured on ABC's Good Morning America during Climate Week.

Panasonic Eco Systems North America

Newark, New Jersey

Panasonic Eco Systems North America (PESNA) offers ventilation and indoor air quality solutions. Panasonic stands apart in its industry in terms of its commitment to certifying ENERGY STAR® products and its extensive efforts to train employees, distributors, and retailers about the value of ENERGY STAR. Key 2021 accomplishments include:

- Earning ENERGY STAR certification for an impressive 93% of products, representing 99% of sales.
- Advancing test methods to improve accuracy in representing the performance of vent fans and range hoods.
- Reaching all employees and 90% of distributor personnel with valuable training, including information on how vent fans earn the ENERGY STAR label and the importance of doing so.
- Featuring ENERGY STAR prominently in advertisements and thought leadership pieces on healthy homes and indoor air quality, including a press release with 127 million unique visitors.
- Maintaining training of all new and existing employees on the value of ENERGY STAR certification that reached 90% of distributor and retailer personnel.
- Educating consumers about the benefits of energy-efficient ventilation through collaboration with This Old House.

Pentair

Minneapolis, Minnesota

Pentair is a pool pump manufacturer. Pentair's sales of ENERGY STAR certified pool pumps helped reduce greenhouse gas emissions by 441,224 tons and provided over \$100 million in energy cost savings. Key 2021 accomplishments include:

- Increasing ENERGY STAR certified pool pump offerings by 33.6%.
- Creating a new virtual training platform and improving digital automation and connected product platforms and applications.
- Educating internal and external stakeholders on selecting ENERGY STAR certified products.
- Training 70 tech service members while educating more than 480 workshop attendees and 150 tradeshow visitors with emphasis on ENERGY STAR certified products.

ProVia LLC.

Sugarcreek, Ohio

ProVia is a window and door manufacturer. During the past year, 100% of ProVia window and door models included options that were ENERGY STAR® certified, and 96% of windows sales and 88% of door sales were ENERGY STAR models. Key 2021 accomplishments include:

- Promoting exceptional ENERGY STAR content on the company website and participation in ENERGY STAR campaign efforts, including the Earth Day campaign.

- Promoting a replacement window energy efficiency calculator to help homeowners find the estimated energy savings from choosing ENERGY STAR replacement windows, and an energy performance calculator to help consumers determine the NFRC rating and if a product is ENERGY STAR certified.
- Training salespeople and installers, representing 52 companies, at ProVia facilities, which includes how ProVia makes doors and windows ENERGY STAR certified.

Ricoh USA, Inc.

Exton, Pennsylvania

Ricoh USA, Inc. is a global technology company. In 2021, Ricoh continued to improve the efficiency of its products by up to 10 percent and earned ENERGY STAR® certification for the first remanufactured imaging equipment products. Key 2021 accomplishments include:

- Increasing delivered energy savings by facilitating a greater than 80% rate of eco-mode enablement in its customers products.
- Doubling the number of distributors participating in its Eco-Excellence program, which promotes ENERGY STAR and other sustainable practices.
- Reaching over 400 million impressions with a variety of ENERGY STAR messages through press releases and social media channels.

Samsung Electronics

Ridgefield Park, New Jersey

Samsung Electronics is a manufacturer of home appliances, consumer electronics, and mobile communications. In the past year, Samsung sustained its commitment to the ENERGY STAR® program through its outstanding leadership in efficiency across its appliance suite, as well as furthering efficiency of its facilities through strategic energy management. Key accomplishments in 2021 include:

- Expanding its total ENERGY STAR certified appliance and electronics offerings and increasing the number of models earning ENERGY STAR Most Efficient recognition.
- Earning ENERGY STAR Emerging Technology Award recognition for an additional 20 refrigerator and freezer models with advanced adaptive compressor systems, as well as for one induction cooktop model.
- Working to increase the efficiency of its commercial building spaces by achieving ENERGY STAR Tenant Space recognition for six spaces across its portfolio.
- Establishing a cross-functional team comprised of environmental stewardship, facility management, public affairs, and Engineering and Asset Solutions specialists focused on tracking the efficacy of facility-related sustainability initiatives and alignment and promotion of ENERGY STAR across the organization.
- Continuing its environmental leadership by engaging in multiple, cross-cutting efforts that include partnering with EPA and the National Environmental Education Foundation for 7 years to further environmental literacy and energy efficiency across middle schoolers; participating in the EPA Green Power Partnerships program and achieving 100% renewable energy for all of Samsung's U.S. facilities; and receiving EPA's Sustainable Materials Management Gold Tier Champion Award annually for 7 years to ensure electronics are recycled safely.

SoftLite LLC
Streetsboro, Ohio

SoftLite is a window and door manufacturer. SoftLite increased its ENERGY STAR® sales by 31%, producing more than 218,000 ENERGY STAR certified products of which 7.4% earned ENERGY STAR Most Efficient recognition. Key 2021 accomplishments include:

- Achieving a nearly 40% increase in training participation (to 1300 individuals from 332 SoftLite retailers) through improved online efforts featuring ENERGY STAR.
- Engaging in ENERGY STAR campaigns throughout the year with company posts, videos, and campaign banners on its social media websites, including @ENERGYSTARday, SaveForGood, #ENERGYSTARPOY, #ENERGYCHOICESCOUNT, #ENERGYSTARawards, and #EarthDay.
- Expanding and improving online marketing aids and printed materials for 150,000 pieces of in-house and 50,000 pieces of private label literature with featured ENERGY STAR logos and program information.

Welbilt, Inc.
New Port Richey, Florida

Welbilt, Inc. is a commercial food service equipment manufacturer. Welbilt expanded its ENERGY STAR® offerings and actively promoted the value of ENERGY STAR to potential customers. Key 2021 accomplishments include:

- Introducing 16 new ENERGY STAR certified product lines and increasing the overall number offered from the Manitowoc, Delfield, and Frymaster brands by 3%.
- Converting six Manitowoc ice machines to the use of a natural refrigerant (R290) and adding programmable features to save energy.
- Promoting ENERGY STAR throughout the year via magazine advertising, newsletters, training, literature, video, labeling efforts. Welbilt also participated in ENERGY STAR Day and ENERGY STAR Earth Day campaigns, delivering approximately 1 million impressions overall.
- Conducting training webinars focused on ENERGY STAR benefits that reached over 1,100 retail and distributor partners.

Retailer

Best Buy Co., Inc. Richfield, Minnesota

Best Buy Co., Inc. is an electronics retailer. Over the past year, Best Buy sold enough ENERGY STAR® products to prevent greenhouse gas emissions equivalent to those from over one million cars. Key 2021 accomplishments include:

- Improving the ability of customers to easily identify products that have earned the ENERGY STAR mark by including a website product filter for all relevant ENERGY STAR categories.
- Creating a sustainable products dashboard that highlights ENERGY STAR products that offer an outsized cost and emissions savings potential.
- Delivering the ENERGY STAR message of greenhouse gas emission reductions and utility savings to its extensive customer base of 1.2 million followers on Twitter.
- Demonstrating the value of leveraging ENERGY STAR to reduce Scope 3 greenhouse gas emissions by co-presenting the result of Best Buy's use of the ENERGY STAR Scope 3 calculator during a webinar of retail sustainability professionals.

Nationwide Marketing Group Winston-Salem, North Carolina

Nationwide Marketing Group is a buying, marketing, and operational support organization for independent retailers. Over the past year, Nationwide has created and maintained over 4,400 websites for its members that incorporate a robust ENERGY STAR® presence with savings figures and campaign information.

- Participating in every possible ENERGY STAR marketing campaign on social media and other channels for Earth Day and ENERGY STAR Day.
- Increasing sales of ENERGY STAR certified products as a percentage of total sales for at least four years straight.
- Utilizing ENERGY STAR marketing and branding for the Nationwide booth for every in-person expo in the last year.
- Spearheading an internal training program that educates members on the benefits of ENERGY STAR products, including increased sales and lower customer utility bills.

Service and Product Provider

Burton Energy Group **Alpharetta, Georgia**

Burton Energy Group is an energy, water, and waste management services company. Burton Energy continued its commitment to ENERGY STAR® by assisting clients in benchmarking energy and water use monthly in more than 1,000 properties. Key 2021 accomplishments include:

- Assisting with energy disclosure reporting through ENERGY STAR Portfolio Manager® for 85 properties nationwide.
- Incorporating ENERGY STAR into sustainability programs for national account clients in the hospitality, restaurant, multi-family, and retail business sectors.
- Developing and delivering ENERGY STAR best practices training to over 1,000 hotel client facilities.
- Promoting Designed to Earn the ENERGY STAR to clients with new construction projects to specify strict energy design criteria and achieve energy performance throughout the building operation.

Cenergistic **Dallas, Texas**

Cenergistic is a sustainability consulting company providing energy and water management services. Cenergistic continues to integrate ENERGY STAR® into all client services, benchmarking all client buildings monthly and assisting in the certification of nearly 50% of all ENERGY STAR certified K-12 schools. Key 2021 accomplishments include:

- Benchmarking more than 850 buildings in ENERGY STAR Portfolio Manager®.
- Verifying the data for 420 ENERGY STAR certified properties.
- Assisting EPA in understanding the impacts of COVID in K-12 school operations, including the effects on indoor air quality and the implications for continued ENERGY STAR certification.

CodeGreen Solutions **New York, New York**

CodeGreen Solutions is a real estate sustainability and energy management company. CodeGreen continues its commitment to ENERGY STAR®, benchmarking their entire client portfolio of over 1,400 properties comprising 660 million square feet. Key 2021 accomplishments include:

- Integrating portfolio-wide ENERGY STAR scores into clients' greenhouse gas management plans, annual reports, investor ESG reports, energy disclosure compliance, and other stakeholder communications.
- Providing verification for ENERGY STAR Tenant Space recognition and building certification for more than 170 properties.
- Performing automated quality control processes quarterly on all client data synced with ENERGY STAR Portfolio Manager®.

ENGIE Impact

New York, New York

ENGIE Impact is a resource management and sustainability consulting services provider. ENGIE continues its longstanding commitment to delivering ENERGY STAR® to the market, with over 48,500 energy benchmarks and more than 20,500 water benchmarks in ENERGY STAR Portfolio Manager. Key 2021 accomplishments include:

- Assisting more than 1,000 clients in securing almost \$18 million in rebates for ENERGY STAR certified products.
- Recruiting, training, and supporting a volunteer staff of 108 ENERGY STAR brand ambassadors responsible for sharing ENERGY STAR content across corporate and professional social media platforms.
- Developing remote energy assessment software to deliver baseline and potential ENERGY STAR scores across national account client portfolios.

Maximum Energy Professionals

Torrance, California

Maximum Energy Professionals is an energy conservation engineering firm. Maximum Energy Professionals benchmarked 100% of its sustainability portfolio and assisted more than 200 buildings in earning ENERGY STAR® certification. Key 2021 accomplishments include:

- Establishing itself among the most active firms providing ENERGY STAR certification services, reflected in EPA's rankings.
- Delivering cost-free verification services to small businesses and houses of worship applying for ENERGY STAR certification.
- Providing innovative submetering solutions to enable clients to demonstrate efficiency and apply for ENERGY STAR certification.
- Doubling the ENERGY STAR content included in Twitter, Instagram, blog posts, and blast emails.

Measurabl

San Diego, California

Measurabl is a sustainability data management services company. Measurabl benchmarked more than 5,600 buildings in ENERGY STAR Portfolio Manager® and supported more than 600 ENERGY STAR® certifications. Key 2021 accomplishments include:

- Providing data management services for nearly 2,000 additional properties in Portfolio Manager, more than a 10 percent increase from the previous year.
- Updating their data system to help customers ensure benchmarking data is complete and accurate.
- Investing in new client services for management of ENERGY STAR certification eligibility and status, as well as compliance with state and local benchmarking requirements.
- Generating more than 130,000 views of webpages with ENERGY STAR related content.

Rivion LLC
Milwaukee, Wisconsin

Rivion LLC is an energy consulting firm. Rivion grew its ENERGY STAR® activities by nearly 20% in 2021, benchmarking 200 buildings in ENERGY STAR Portfolio Manager® with energy, water, and waste data. Key 2021 accomplishments include:

- Providing 10 cost-free verifications of applications for ENERGY STAR certifications for organizations in need.
- Using ENERGY STAR tools, resources, and metrics to help PACE financing, energy engineering, and general contractor clients grow their businesses.
- Posting ENERGY STAR content over 80 times on social media, including Facebook, Twitter, and LinkedIn.

Schneider Electric
Louisville, Kentucky

Schneider Electric is an energy management and automation services company. Schneider Electric supported organizations in benchmarking more than 57,000 properties in 2021, an increase of more than 30%. Key 2021 accomplishments include:

- Developing a target-setting tool using ENERGY STAR® benchmarks to establish CO2 reduction and energy savings goals for commercial clients.
- Assisting clients in earning the ENERGY STAR as well as recognition from LEED, GRESB, and BOMA 360 for superior energy and environmental performance.
- Posting 126 social media messages and blogs to communicate about ENERGY STAR to a broad number of followers.

Servidyne
Atlanta, Georgia

Servidyne is an energy and sustainability consulting firm. Servidyne assisted 168 clients in achieving ENERGY STAR® certification, including 11 first-time building certifications. Key 2021 accomplishments include:

- Providing three new client offerings: ENERGY STAR Benchmarking Report Card, Building Performance Standard Assessment, and Decarbonization Action Plan to provide short and long-term strategies for client portfolios to meet greenhouse gas reduction goals.
- Conducting several webinars on benchmarking and assessing energy and GHG performance during a pandemic, including ENERGY STAR content.
- Including ENERGY STAR benchmarking in the American Society of Heating, Refrigerating and Air-Conditioning Engineers' (ASHRAE) energy auditing training course.

Sustainable Investment Group, LLC
Atlanta, Georgia

Sustainable Investment Group, LLC (SIG) is a full-service sustainability consulting firm. SIG benchmarked 100% of its clients' properties using ENERGY STAR Portfolio Manager® and added 35 newly certified buildings. Key 2021 accomplishments include:

- Expanding ENERGY STAR® offerings to clients, including Tenant Space recognition, and assisting with ENERGY STAR certification for commercial new construction projects as well as existing buildings.
- Including ENERGY STAR benchmarking among clients in diverse neighborhoods and elevating industry insights with the facility teams, while deepening awareness of ENERGY STAR offerings to historically excluded communities.
- Posting three new videos about benchmarking using Portfolio Manager and sharing ENERGY STAR content to nearly 5,400 followers.

Yardi Systems, Inc.
Santa Barbara, California

Yardi Systems Inc. is an investment, property, asset, and energy management software development company. Yardi used ENERGY STAR Portfolio Manager® to benchmark the energy use of buildings in eight countries, spanning four continents, and submitted 26 new ENERGY STAR® building certifications. Key 2021 accomplishments include:

- Facilitating the sharing and use of building energy consumption data to support organizations' sustainability programs, competitions, financial programs, and regulatory requirements.
- Creating "The Power of ENERGY STAR Partnerships," highlighting client success in multifamily and commercial buildings.
- Posting ENERGY STAR related content on its website and in blog posts.

Home Performance with ENERGY STAR: Contractor of the Year

AZ Energy Efficient Home Phoenix, Arizona

AZ Energy Efficient Home is a home performance company. AZ Energy reduced energy use by as much as 65% through smart thermostats that correspond to changing rate plans, timers for electric water heaters, high-performance exterior siding and traditional Home Performance with ENERGY STAR® measures. Key 2021 accomplishments include:

- Implementing an apprentice program to train and hire home performance employees.
- Developing Home Performance with ENERGY STAR brochures highlighting the effects of indoor air quality on asthma and allergies in children.

EDGE Energy Beltsville, Maryland

Edge Energy is a home performance company that provides energy audits, efficiency improvements, and solar installations. Edge Energy increased annual Home Performance with ENERGY STAR® projects by more than 50%, added three new employees, and featured the benefits of Home Performance with ENERGY STAR in a new marketing effort. Key 2021 accomplishments include:

- Partnering with a Maryland nonprofit to install efficiency improvements in low-to-moderate income households to reduce utility bills, improve comfort and indoor air-quality, and eliminate health and safety issues.
- Redesigning its website to cross-promote Home Performance with ENERGY STAR and Solar PV installation, and for the first time, utilizing ENERGY STAR social media campaigns to engage customers.
- Demonstrating the benefits of solar energy in a home performance project alongside Secretary of Energy Jennifer Granholm.

Green Team LI Holbrook, New York

Green Team LI is an energy efficiency, solar, heating, ventilation and air conditioning (HVAC) contractor. Green Team LI helped more than 500 homeowners reduce energy use by an average of 40 MMBtu per year through Home Performance with ENERGY STAR™. Key 2021 accomplishments include:

- Working with New York City nonprofits to provide free home energy audits.
- Supporting electrification efforts by installing air source heat pumps in flood-damaged homes.

GreenSavers

Bend, Oregon

GreenSavers is a home performance contractor. GreenSavers performed almost 1,700 home energy assessments and unveiled its “Beyond Net Zero” initiative, which includes a wide range of Home Performance with ENERGY STAR® upgrades that convert the home to a net-zero energy home that relies on renewable energy sources. Key 2021 accomplishments include:

- Completing almost 1,700 home energy assessments.
- Working with the Asian Pacific American Network of Oregon (APANO) to develop a workforce training program that will allow GreenSavers to train four people from Asian and Pacific Islander communities over the next 18 months. The trainees will help retrofit home performance projects for up to 20 lower income, immigrant, and limited English-proficient homeowners.
- Creating targeted emails to teach customers the benefits of ENERGY STAR heat pump water heaters.

Home Energy Medics, LLC

Arlington, Virginia

Home Energy Medics, LLC is a home performance company. Home Energy Medics helped homeowners reduce energy use by as much as 50% and worked with the nonprofit group Eco Action Arlington to achieve local carbon reduction goals. Key 2021 accomplishments include:

- Adding soundproofing as a home performance measure to mitigate noise and achieve additional energy savings.
- Reducing energy use by an average of 122 MMBtu per project – or the equivalent of Co2 emissions from three homes.

Ideal Air Conditioning and Insulation

Phoenix, Arizona

Ideal Air Conditioning and Insulation is a home performance company. Ideal Air Conditioning increased the number of Home Performance with ENERGY STAR® projects it performed by 50% over the previous year and continued to lead workforce development efforts by teaching at the Electric League of Arizona. Key 2021 accomplishments include:

- Promoting energy efficiency policies as a member of the Board of Directors for the Building Performance Association.
- Increasing ENERGY STAR branding and engagement as part of the company’s re-branding.

Wise Home Energy LLC

Rochester, New York

Wise Home Energy LLC is a home performance contractor. Wise Home Energy joined a state-led effort to promote electric heat pump technologies and completed 280 Home Performance with ENERGY STAR® projects. Key 2021 accomplishments include:

- Achieving an average savings of 30 MMBtu per project.
- Developing a training video with more than 10,000 views about proper attic insulation.

Partner of the Year

Energy Efficiency Program Delivery

Arizona Public Service Phoenix, Arizona

Arizona Public Service (APS) is an electric utility serving central Arizona. Over the past year, APS continued to promote energy efficiency through ENERGY STAR® with offerings across multiple program areas, while managing demand and reducing lifetime carbon dioxide emissions by 2.3 billion pounds. Key 2021 accomplishments include:

- Developing a customer-centric strategy to deliver 100% clean, carbon-free electricity by 2050 through load shifting, energy storage, beneficial electrification, and consumer tools.
- Supporting the construction of more than 6,000 certified homes and achieving a 45% market share for ENERGY STAR single-family homes across its service territory.
- Designing an initiative for Home Performance with ENERGY STAR® (HPwES) contractors to install free smart thermostats pre-programmed to align with time-of-use rates, reducing residential energy use during peak demand and enhancing opportunities for contractors to engage with customers.
- Increasing participation in the HPwES program by identifying likely candidates for deep retrofits, based on high air conditioning use in the summer and costly heating bills in the winter.
- Incentivizing the purchase of about 40,000 ENERGY STAR certified smart thermostats and pre-enrolling 97% of customers in its Cool Rewards demand response program, which operates as a virtual power plant and provides more than 80 megawatts of flexible clean capacity in its fourth year of operation.

Build San Antonio Green San Antonio, Texas

Build San Antonio Green (BSAG) is a residential energy-efficient building program that promotes the sustainable, innovative use of energy and resources. BSAG has incentivized the construction of nearly 13,000 ENERGY STAR® certified homes since joining the program in 2008. Key 2021 accomplishments include:

- Providing incentives for nearly 1,800 homes that earned ENERGY STAR certification.
- Contributing to a reduction in peak energy demand of 21 megawatts and preventing more than 348 million pounds of CO2 emissions through its green building certifications.
- Promoting ENERGY STAR certified homes and resource sustainability across all income levels through messaging that is specifically tailored to the local market.
- Announcing a new Climate-Ready Building certification program and leveraging ENERGY STAR certification as a pre-requisite, with added elements that are adaptable to climate change in the region.

DTE Energy

Detroit, Michigan

DTE Energy is an electric and natural gas utility serving southeast Michigan. Throughout 2021, the company increased the adoption of energy efficient products and homes in its service territory by promoting ENERGY STAR awareness. Key 2021 accomplishments include:

- Achieving more than 160,000 megawatt hours of electricity, and 120,000 million cubic feet of natural gas, saved across its ENERGY STAR programs.
- Supporting the construction of more than 240 ENERGY STAR certified homes, a 73% year-over-year increase compared to 2020.
- Expanding ENERGY STAR builder participation in its program by 77%.
- Increasing the number of distributors participating in its commercial food service program by 50% and launching an in-store promotion in July with Restaurant Depot Midwest to incentivize ENERGY STAR certified fryers; after quickly selling out, participants worked together to overcome supply challenges and extend the promotion through the end of the year.

El Paso Electric

El Paso, Texas

El Paso Electric is a regional electric utility providing service to customers in Texas and New Mexico. The utility supported the construction of 50 ENERGY STAR® certified homes in 2021, for a total of nearly 900 since joining the program in 2011. Key 2021 accomplishments include:

- Promoting the benefits of ENERGY STAR certified homes on its corporate website, resulting in nearly 32,000 page views, participating in ENERGY STAR campaigns such as Earth Day, and running a full-page ad in the El Paso Spring Showcase of Homes.
- Conducting more than 80 individual meetings with homebuilders, regarding both ENERGY STAR and EPA's Indoor airPLUS program updates, while continuing to provide support to home energy rating companies in their service territory.
- Increasing overall kilowatt hour (kWh) savings by 31%, and average kWh savings per home by 42%.
- Reducing peak energy demand by providing additional incentives for more than 300 ENERGY STAR HVAC and LED lighting packages.

Entergy Solutions Louisiana

Baton Rouge, Louisiana

Entergy Solutions Louisiana is a utility-administered energy efficiency program. Entergy Solutions exceeded its savings goals and served close to 900 homes. Key 2021 accomplishments include:

- Incorporating Home Performance with ENERGY STAR® benefits in marketing materials after two destructive weather events including a severe winter storm and a Category 4 hurricane.
- Expanding access to Home Performance with ENERGY STAR to almost 400 low-income customers through home energy assessments and direct-install measures.
- Hiring a Disadvantaged Business Enterprise (DBE) training agency to enroll eligible trade allies in DBE certification and increase opportunities for disadvantaged businesses in the community.

Focus on Energy

Madison, Wisconsin

Focus on Energy is an energy efficiency and renewable resource program for Wisconsin utilities. Focus on Energy increased annual Home Performance with ENERGY STAR® projects by 20% and launched an initiative to educate realtors about home energy upgrade options, and the benefits to homeowners. Key 2021 accomplishments include:

- Implementing an efficiency training for 815 realtors to become “Ambassadors” for Focus on Energy, allowing them to share information with clients about Home Performance with ENERGY STAR® and related energy programs.
- Updating remote quality assurance guidelines to ensure compliance by contractors.
- Distributing nearly two million ENERGY STAR certified LED bulbs across more than 450 food bank sites, nonprofit organizations, and other organizations that help support customers in need.

Hawai‘i Energy

Honolulu, Hawaii

Hawai‘i Energy is a statewide energy efficiency program sponsor. In 2021, Hawai‘i Energy prioritized getting ENERGY STAR® certified products and other energy efficiency solutions to vulnerable communities. Key 2021 accomplishments include:

- Disbursing about \$700,000 in grant funding to small businesses and nonprofits for purchases of ENERGY STAR certified commercial food service equipment and appliances.
- Transitioning heat pump water heaters to a midstream program, doubling the number of distributors, and increasing the incentive for select ENERGY STAR models from \$300 to \$500 to increase the effectiveness of the program.
- Helping 14,000 low- to moderate-income households lower their electricity usage through bulk appliance trade-ups and home retrofits that include ENERGY STAR certified products.

Potomac Edison

Akron, Ohio

Potomac Edison is an electric company. Potomac Edison expanded the households reached by Home Performance with ENERGY STAR® by more than 40% and increased the number of homes receiving major home performance upgrades by 75%. Key 2021 accomplishments include:

- Reducing energy use by 500 megawatt hours.
- Completing projects in 708 homes, including 190 that garnered the maximum available incentives, through its Home Performance with ENERGY STAR program.
- Producing more than 3,700 megawatt hours of energy savings and providing incentives for more than 1,400 ENERGY STAR certified homes and 1,500 ENERGY STAR smart thermostats.
- Adding incentives for seven additional ENERGY STAR certified products, including ductless mini-split ACs, ceiling fans, decorative light strings, dishwashers, water coolers, air purifiers, and ventilation fans.

PPL Electric Utilities

Allentown, Pennsylvania

PPL Electric Utilities is an electric utility in Pennsylvania. In the past year, PPL partnered with 155 stores across 13 retail chains to offer incentives on ENERGY STAR® certified products, which resulted in over 21.7 million kWh of savings for its customers. Key 2021 accomplishments include:

- Incentivizing over 1,600 ENERGY STAR certified ductless heat pumps, 990 dehumidifiers, 1,200 refrigerators, while retiring and properly recycling 6,000 refrigerators and freezers.
- Substantially increasing the ENERGY STAR content on its website, leveraging the ENERGY STAR name and logo, Ask the Experts videos, and buying guides.
- Leveraging ENERGY STAR resources to promote its efficiency programs, including participating in ENERGY STAR Earth Day, ENERGY STAR Day, Rule Your Attic, Light the Moment, and Pool Pump promotions, generating over 22.7 million impressions.

PSE&G

Newark, New Jersey

PSE&G is an electric and gas utility in New Jersey. PSE&G launched several new programs in 2021 and generated more than 100,000 MWh of electric savings and 2.6 million therms of gas savings in under six months through its energy-efficient products and existing homes programs. Key 2021 accomplishments include:

- Offering its customers a variety of pathways to purchase ENERGY STAR® certified lighting, appliances, HVAC equipment, smart thermostats, and water heaters, while promoting ENERGY STAR at key points in the customer journey.
- Engaging 33% of PSE&G customers through an Online Marketplace, with an 8.5% conversion rate on sales featuring ENERGY STAR certified products.
- Offering an additional \$200 for efficient HVAC and water heating equipment and an additional \$50 for qualifying refrigerators and clothes washers to PSE&G customers impacted by Tropical Storm Ida.
- Completing 180 projects through Home Performance with ENERGY STAR®, reducing energy use by an average of 23%.

Southwestern Electric Power Company - Louisiana and Texas (AEP SWEPCO)

Shreveport, Louisiana

Southwestern Electric Power Company – Louisiana and Texas (AEP SWEPCO) is an electric utility. In 2021, AEP SWEPCO achieved 8.4 million kWh in energy savings through programs promoting the purchase and installation of ENERGY STAR® certified products and related weatherization measures. Key 2021 accomplishments include:

- Promoting and incentivizing a wide range of ENERGY STAR certified products including electric vehicle chargers, smart thermostats, lighting, air purifiers, pool pumps, and heat pump water heaters.
- Leveraging the ENERGY STAR Most Efficient designation to promote air source heat pumps, achieving 2.3 million in annual kWh savings

- Working with the ENERGY STAR Manufactures Action Council to create heat pump water heater trainings for educating contractors about the benefits of ENERGY STAR certified heat pump water heaters.
- Keeping its programs top-of-mind with weekly social media posts and a monthly newsletter, resulting in over 3.4 million views for ENERGY STAR specific materials.

Urban Land Institute

Washington, District of Columbia

The Urban Land Institute (ULI) is a real estate industry group. ULI promoted the use of ENERGY STAR® tools and resources through its robust network of real estate partners, further driving program participation and best practices in energy management. Key 2021 accomplishments include:

- Leveraging ENERGY STAR Portfolio Manager® for its U.S. Greenprint member energy analysis, increasing the number of buildings analyzed from 7,322 in 2020 to 8,819 in 2021.
- Incorporating ENERGY STAR messaging into key ULI publications and resources including the “ULI Sustainability Outlook 2021,” the “State of Green: Greenprint Performance Report Volume 12,” and the ULI Learning ESG in Real Estate course.
- Hosting over 10 webinars and virtual events that included ENERGY STAR or promoted benchmarking as its primary focus, both to local and national audiences.
- Promoting the ENERGY STAR Tenant Space recognition through three webinars, including “A Team Effort: Balancing Energy Efficiency and Reimagining the Office Space;” “2030 Network Tenant Program;” and “Greenprint Members Only Webinar - EPA Energy Star Tenant Space Updates.”
- Promoting ENERGY STAR benchmarking, updates, webinars, programs and announcements to all 40,000+ ULI members across the U.S. during monthly members-only calls and via monthly members-only newsletters.

Washington Gas

Springfield, Virginia

Washington Gas is a natural gas utility. Washington Gas’ Maryland energy efficiency program saved nearly 1 million therms in 2021. Key 2021 accomplishments include:

- Increasing incentives on ENERGY STAR® certified products by 15–50% to provide relief to customers continuing to feel the impact of COVID-19.
- Adding incentives for ENERGY STAR certified commercial gas fryers, which resulted in 20,821 therms saved and \$90,250 in incentives distributed, helping Washington Gas exceed its Commercial and Industrial program savings goal.
- Launching its Existing Home Advisory Board, which consists of contractors offering ENERGY STAR certified products ensuring representation of women- and minority-owned businesses.
- Partnering with homebuilders, developers, and trade professionals in Maryland to provide ENERGY STAR certified and cost-efficient natural gas equipment to homebuyers.

Energy Management

AbbVie

North Chicago, Illinois

AbbVie is a global biopharmaceutical company. AbbVie used ENERGY STAR® tools and resources to strengthen its energy management program to deliver energy intensity reductions, despite challenges created by the COVID-19 pandemic. Key 2021 accomplishments include:

- Reducing energy intensity by 1% at U.S. facilities and cutting global greenhouse gas emissions by 7,459 metric tons.
- Earning ENERGY STAR certification for three pharmaceutical manufacturing plants.
- Supporting the ENERGY STAR industrial partnership and Focus on Energy Efficiency in Pharmaceutical Manufacturing through presentations and participation in industry meetings.
- Promoting its partnership with ENERGY STAR to employees through a home energy efficiency guide featuring ENERGY STAR resources.
- Developing a decarbonization roadmap, where energy efficiency is projected to deliver a quarter of the company's anticipated carbon reductions by 2031.

Atkore

Harvey, Illinois

Atkore is a manufacturer of electrical conduit, cable management systems, armored cable, metal framing, and security products and solutions. The company established an energy management program using the ENERGY STAR® Guidelines for Energy Management and related tools. Key 2021 accomplishments include:

- Achieving a reduction in energy intensity over the previous year. Since 2014, the company has improved energy intensity by 28 percent and saved \$14 million in energy costs.
- Pledging to reduce the energy intensity of 22 manufacturing plants worldwide through the ENERGY STAR Challenge for Industry; two plants have reached the goal with reductions of 19.6 and 14.9%.
- Supporting the ENERGY STAR network of industrial partners by sharing energy reduction projects.
- Implementing its Environment, Social and Governance program to incorporate performance using ENERGY STAR tools as a part of the company's strategic deployment initiatives.

Bullitt County Public Schools

Shepherdsville, Kentucky

Bullitt County Public Schools (BCPS) is a school district in Kentucky. BCPS has demonstrated a continued commitment to increasing and optimizing energy efficiency in their buildings as well as engaging students and the community through ENERGY STAR® tools and resources. Key 2021 accomplishments include:

- Avoiding 9,800 metric tons of CO2 emissions and saving over \$1.1 million in energy costs, contributing to reductions in energy use of 50% and \$9.9 million in savings over the past 15 years.

- Receiving ENERGY STAR certification for 15 schools and increasing the district average ENERGY STAR score from 85 to 90.
- Optimizing HVAC equipment through smart analytics, scheduling, and live dashboards that allow the district energy manager to identify issues in real time.
- Engaging students across 16 schools in energy teams to analyze ENERGY STAR Portfolio Manager® data and present their projects.

Columbia Property Trust

New York, New York

Columbia Property Trust is a publicly-listed real estate investment trust. Columbia Property Trust leveraged ENERGY STAR® resources to grow its comprehensive energy management program, with a focus on internal and external stakeholder engagement. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 15 properties.
- Earning ENERGY STAR Tenant Space recognition for its corporate headquarters office and developing a video to help promote the accomplishment to its tenants.
- Incorporating Environmental Social Governance goals into its employee compensation plan, including setting specific targets such as completing energy modeling, identifying gaps, and developing plans to improve energy efficiency and the ENERGY STAR score of its properties.
- Hosting regular internal meetings and trainings on key sustainability and energy efficiency topics, including a September meeting focused specifically on ENERGY STAR, ENERGY STAR Scores, and the ENERGY STAR Tenant Space recognition, with EPA staff speaking at the event.
- Installing Bi-Polar Ionization systems in all buildings, which will increase the energy efficiency of the HVAC systems.

East Baton Rouge Parish School System

Baton Rouge, Louisiana

The East Baton Rouge Parish School System (EBRPSS) is a public school district in Louisiana. Through its energy management efforts, EBRPSS saved \$1 million and raised an elementary school's ENERGY STAR® score to a 93 in 2 years. Key 2021 accomplishments include:

- Preventing more than 5,500 metric tons of carbon dioxide emissions.
- Achieving ENERGY STAR certification at one school, in addition to the four certified in 2020.
- Using ENERGY STAR Treasure Hunts to identify and implement several no-cost and low-cost conservation measures, totaling more than \$25,000 of annual energy savings and preventing emissions of over 72 metric tons of carbon dioxide.
- Improving a new elementary school's ENERGY STAR score from a 16 in 2019 to a 93 in 2021 through improved building automation system controls and refinements, as well as efficient space utilization for after-hours programs.
- Engaging students in energy efficiency projects including a student-led exterior light audit and grant application to cover 10% of LED retrofits, as well as a student-produced ENERGY STAR Partner of the Year Public Service Announcement.
- Receiving more than \$90,000 of direct utility bill refunds and credits by discovering billing errors and misapplied charges through auditing of monthly utility bills.

Empire State Realty Trust

New York, New York

Empire State Realty Trust (ESRT) is a real estate investment trust. ESRT has demonstrated an ongoing commitment to energy management and ENERGY STAR®, leveraging its partnership to promote best practices to internal and external audiences. Key 2021 accomplishments include:

- Earning ENERGY STAR certification for 76% of its building portfolio, representing over 7.2 million square feet, with a goal of certifying 100%.
- Benchmarking energy, water, and waste for 100% of its portfolio in ENERGY STAR Portfolio Manager®.
- Setting ambitious goals for its portfolio, including carbon neutrality by 2035, a 75% waste diversion rate by 2030, a 50% site energy reduction, and a 30% water intensity reduction by 2035.
- Promoting and increasing awareness of the ENERGY STAR brand by lighting up the Empire State Building cyan blue for the second year in honor of the 38,000 ENERGY STAR certified buildings and plants. To promote the event, ESRT developed and distributed co-brandable social media graphics, email signatures, social media posts, and sample emails.
- Promoting its partnership with ENERGY STAR by displaying the ENERGY STAR logo in a variety of communications including Google Display Ads, ads with Commercial Observer and BisNow, and through other channels including its web site, all employee email signatures, and social media.
- Training 100% of its employees on best practices including the use of ENERGY STAR Portfolio Manager and pursuing ENERGY STAR certification.

Healthpeak Properties

Denver, Colorado

Healthpeak Properties is a healthcare real estate investment trust. Healthpeak has integrated ENERGY STAR® into its energy management program since 2011, achieving a 15% energy savings and 233 building certifications. Key 2021 accomplishments include:

- Reducing energy use across its portfolio by 7.2%.
- Achieving ENERGY STAR certifications for three new properties.
- Investing over \$8.5 million in reflective "cool" roofing, building management system upgrades, VFD installations, solar film installation, and LED lighting upgrades.
- Creating a green bond fund using the ENERGY STAR 1-100 score to target properties with the most cost-effective financing opportunities.
- Instituting new corporate sustainability goals, including a science-based target to reduce GHG emissions 37.5% by 2033.

Hexion Inc.

Columbus, Ohio

Hexion Inc. is a producer of thermosetting resins, coatings, adhesives, and specialty resins. Working with ENERGY STAR®, the company continued to build upon its solid energy management foundation by establishing an energy champion network and broadening communications efforts internally and externally. Key 2021 accomplishments include:

- Achieving more than a 7% improvement in energy efficiency over 2019.

- Completing 35 energy projects with annual savings of \$1.2 million, with 42 additional projects in development. Since 2014, 284 projects have saved \$15.6 million.
- Setting a new goal to reduce greenhouse gas emissions 20% by 2030 and completing a scoping analysis to identify major process changes and technologies that will assist in meeting the goal.
- Establishing and maintaining a dedicated capital fund that promotes extended payback periods for energy, water, and waste reduction improvement projects.

LaSalle Investment Management

Chicago, Illinois

LaSalle Investment Management is a real estate investment management firm. LaSalle has demonstrated ongoing dedication to corporate sustainability and leverages the ENERGY STAR® program to track, monitor, and improve on the efficiency of its portfolio and to communicate to investors about its strong energy management program. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 31 properties.
- Benchmarking 100% of its portfolio in ENERGY STAR Portfolio Manager®.
- Completing over 150 energy efficiency projects across its portfolio.
- Using ENERGY STAR Portfolio Manager to triage properties by performance and developing plans to conduct energy or net-zero pathway audits for 38 office and multifamily buildings, representing approximately 30% of properties in those sectors.
- Establishing and tracking standard Key Performance Indicators, including both data coverage and usage intensity for energy, GHG, water, and waste as well as ENERGY STAR scores and certifications achieved.
- Promoting its energy management programs and ENERGY STAR participation through social media, industry trade press, to its investors, and through internal events.

Lewisville Independent School District

Lewisville, Texas

Lewisville Independent School District (LISD) is a school district in Texas. LISD promoted energy efficiency to students, faculty, and staff during campus events and staff meetings, utilizing ENERGY STAR® tools and resources like Treasure Hunts to save energy and money. Key 2021 accomplishments include:

- Saving more than \$2.5 million in utility costs in 2021 and over \$27 million over the past 13 years, as well as reducing carbon dioxide emissions by nearly 20,000 metric tons for a cumulative reduction of more than 187,000 metric tons over the past 13 years.
- Earning a district average ENERGY STAR score of 82 and achieving ENERGY STAR certification at seven schools.
- Featuring ENERGY STAR in district communications such as utility management reports, newsletters, and the district's energy policy to further promote and drive energy efficiency throughout facilities.
- Performing 159 unoccupied energy audits and implementing 12 ENERGY STAR Treasure Hunts to focus on finding energy conservation measures from HVAC, lighting, plug loads, and building envelopes to drive energy savings.
- Implementing a micro-scheduling initiative to conserve energy for facility usage outside normal operating hours and training faculty, staff, students, and community groups on the importance of micro-scheduling for energy conservation.

Link Logistics Real Estate

New York, New York

Link Logistics Real Estate is an owner-operated firm of supply chain real estate. Link demonstrated its commitment to energy management and environmental protection, earning ENERGY STAR® certifications and incorporating ENERGY STAR into its communications. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 29 properties and installing 57 MW of solar.
- Retrofitting a third of its portfolio with LED lighting and 7 million square feet with “cool” reflective roofs.
- Advising EPA on best practices for supply chain facilities through the ENERGY STAR industrial working group.
- Promoting its energy management programs and ENERGY STAR participation through videos, social media, industry speaking engagements, newsletters, and webinars.

Northwood

Charlotte, North Carolina

Northwood is a commercial development, leasing, and property management firm. Northwood has demonstrated a strong commitment to energy management through the development of a robust energy management program, which promotes ENERGY STAR® to internal and external audiences. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 64 properties.
- Incorporating ENERGY STAR content into the new hire onboarding process and promoting ENERGY STAR educational webinars to property management and engineering teams.
- Promoting ENERGY STAR and energy efficiency to prospective tenants, through media including targeted emails, digital signage, social media channels, leasing presentations, property web sites, the company’s sustainability report and its Year in Review publication.
- Continuing investment in efficient lighting, demonstrated by conversion of over 2,500 common areas lights to LED at 40 office properties.
- Continuing to improve the process for enrolling new acquisitions in ENERGY STAR Portfolio Manager®, including strategies for benchmarking retail and multifamily assets, such as installing a master meter for properties that do not have accessible whole building energy data.

Ozinga Bros., Inc.

Mokena, Illinois

Ozinga Bros., Inc. is a construction materials and logistics service provider. The company continued to enhance its energy management program with ENERGY STAR® tools and resources while building sustainability into its operations. Key 2021 accomplishments include:

- Achieving a 6% improvement in energy efficiency in the company’s concrete business.
- Enhancing energy reporting by Ozinga manufacturing sites so that actionable data is now in the hands of management, operations, and maintenance teams.
- Benchmarking similar concrete plants within the Ozinga network more extensively to garner energy management and decarbonization strategies with ENERGY STAR industrial partners.
- Participating in ENERGY STAR’s Focus on Energy Efficiency in Cement and Concrete Production group.
- Comparing best energy management practices with ENERGY STAR industrial partners.

Paramount Group, Inc.
New York, New York

Paramount Group, Inc. is a fully integrated equity real estate investment trust. Paramount Group has demonstrated a commitment to energy management and ENERGY STAR®, leveraging ENERGY STAR tools, resources, and recognition opportunities to promote best practices to internal and external audiences. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 12 properties, representing 93% of its portfolio.
- Achieving ENERGY STAR Tenant Space recognition for its corporate headquarters, circulating a one-pager to its tenants to promote the recognition, and identifying pathways to help cover the cost of recognition for interested tenants.
- Leveraging data with ENERGY STAR Portfolio Manager® to forecast emissions through 2050, identifying how energy efficiency plays a key role in its emissions reduction strategies, and establishing a shadow price for a theoretical cost per ton of carbon emissions to inform future investments.
- For ENERGY STAR Day, coordinating the blue lighting of its 1301 Avenue of the America's Plaza, while inviting tenant contacts across 1.7 million square feet of leased space to join the festivities and celebrate the leadership of ENERGY STAR.
- Promoting ENERGY STAR to tenants with lobby screens, e-blasts, and one-pagers with ENERGY STAR certification information, internal and external signage, newsletters, and webinars.

Parkway School District
Chesterfield, Missouri

Parkway School District (PSD) is a public school district in Missouri. PSD achieved energy efficiency goals by implementing a comprehensive approach to energy improvements and engaged the community through the ENERGY STAR® Home Energy Yardstick. Key 2021 accomplishments include:

- Saving nearly \$10 million in energy costs while reducing energy use by 25% since 2015.
- Achieving ENERGY STAR certification at 16 schools.
- Preparing comprehensive school board policies on sustainability and energy that include designing new construction and renovation projects to be ENERGY STAR certified, purchasing ENERGY STAR certified equipment, and comprehensively benchmarking energy, water, and waste of existing schools in ENERGY STAR Portfolio Manager®.
- Converting all interior lighting at two buildings to LEDs and retrofitting sections of nine other schools with LED lighting.
- Promoting the ENERGY STAR Home Energy Yardstick and energy conservation best practices to students, staff, and the community through the district-wide Sustainable Schools Challenge.

Piedmont Office Realty Trust, Inc.
Atlanta, Georgia

Piedmont Office Realty Trust, Inc. is a real estate investment trust. Piedmont has leveraged its ENERGY STAR® partnership and resources to develop innovative ways to communicate the value of energy efficiency to its tenants and employees. Key 2021 accomplishments include:

- Achieving ENERGY STAR certification for 48 buildings.
- Developing an Environmental Sustainability training program for its employees, which includes education on climate change science, the environmental impacts of the commercial real estate industry, and how Piedmont is reducing its environmental footprint with the use of energy benchmarking and ENERGY STAR.
- Integrating ENERGY STAR resources into its property action plans including energy performance reports, the Bring Your Green to Work poster, and ENERGY STAR Treasure Hunt materials.
- Developing customized infographics that were printed on posters for each ENERGY STAR certified property and presenting them in vacant spaces during prospective tenant tours, in lobbies and in digital signage, and in amenity spaces.
- Conducting a regional climate risk assessment of its key markets, and prioritizing investments in properties based on ENERGY STAR score and energy cost and GHG emissions per square foot, with key metrics tracked in ENERGY STAR Portfolio Manager®.

Pinellas County Schools

Largo, Florida

Pinellas County Schools (PCS) is a public school district in Florida. PCS has a long-standing commitment to preventing energy waste, optimizing building and comfort systems, and creating a culture of sustainability as demonstrated by earning ENERGY STAR® certification for 48 schools. Key 2021 accomplishments include:

- Saving more than 49 million kWh of electricity, 327,000 therms of natural gas, and 643,000 gallons of water, for a total cost avoidance of more than \$7.7 million.
- Sustaining an energy incentive program that allows all schools to earn discretionary dollars based on their performance on energy audits conducted throughout the school year.
- Promoting ENERGY STAR initiatives to students and the surrounding community through emails, trainings, and daily reminders sent to more than 115,000 stakeholders.
- Launching an initiative that captured more than \$53,000 in sewer credits with quick identification of water leaks.

Samsung Electronics

Ridgefield Park, New Jersey

Samsung Electronics is a manufacturer of home appliances, consumer electronics, and mobile communications. In the past year, Samsung sustained its commitment to the ENERGY STAR® program through its outstanding leadership in efficiency across its appliance suite, as well as furthering efficiency of its facilities through strategic energy management. Key accomplishments in 2021 include:

- Expanding its total ENERGY STAR certified appliance and electronics offerings and increasing the number of models earning ENERGY STAR Most Efficient recognition.
- Earning ENERGY STAR Emerging Technology Award recognition for an additional 20 refrigerator and freezer models with advanced adaptive compressor systems, as well as for one induction cooktop model.
- Working to increase the efficiency of its commercial building spaces by achieving ENERGY STAR Tenant Space recognition for six spaces across its portfolio.
- Establishing a cross-functional team comprised of environmental stewardship, facility management, public affairs, and Engineering and Asset Solutions specialists focused on tracking the efficacy of facility-related sustainability initiatives and alignment and promotion of ENERGY STAR across the organization.

- Continuing its environmental leadership by engaging in multiple, cross-cutting efforts that include partnering with EPA and the National Environmental Education Foundation for 7 years to further environmental literacy and energy efficiency across middle schoolers; participating in the EPA Green Power Partnerships program and achieving 100% renewable energy for all of Samsung's U.S. facilities; and receiving EPA's Sustainable Materials Management Gold Tier Champion Award annually for 7 years to ensure electronics are recycled safely.

The University of Chicago

Chicago, Illinois

The University of Chicago is an institution of higher education. In 2021, the University of Chicago expanded its efforts to conserve energy and to communicate the benefits of energy efficiency and using ENERGY STAR Portfolio Manager® to its campus community and beyond. Key 2021 accomplishments include:

- Implementing preventative maintenance and commissioning projects estimated to reduce the emissions equivalent to 1,000 passenger vehicles driven for one year.
- Promoting what it gained from participating in the ENERGY STAR® Higher Education Benchmarking Initiative.
- Developing a greenhouse gas emissions reduction plan.
- Leveraging student research assistants to tackle new energy conservation projects.
- Holding an energy-saving competition among six campus residence halls.
- Sending quarterly newsletters on its energy management efforts and energy performance to members of the campus community.

Ventas, Inc.

Chicago, Illinois

Ventas is a healthcare real estate investment trust. In the past year, Ventas leveraged ENERGY STAR® resources to achieve outstanding energy savings across its portfolio. Key 2021 accomplishments include:

- Raising the average ENERGY STAR score by 2.1% and saving an estimated \$12.5 million in energy costs compared to 2020.
- Certifying 117 senior living communities as ENERGY STAR.
- Investing \$20.5 million in energy efficiency projects, including LED and HVAC improvements in 128 properties.
- Providing feedback on EPA's new ENERGY STAR score for medical office buildings.
- Highlighting the ENERGY STAR partnership on its website, internal reports, and social media.

Home Energy Rater/Provider

ARCXIST™, formerly DPIS Builder Services Houston, Texas

ARCXIS (formerly DPIS Builder Services), a home energy rating company, certified more than 45,000 homes as ENERGY STAR® in 2021, an increase of over 135% from 2021. Key 2021 accomplishments include:

- Facilitating partnerships with key production builder partners to maintain and increase their participation in the ENERGY STAR program.
- Utilizing an automated process that enables quality assurance to be performed on 100% of home energy rating files, providing a more targeted approach to overall quality assurance based on analytics.
- Educating builder partners on the benefits of the ENERGY STAR program, providing ongoing training for builder sales staff, and utilizing ENERGY STAR marketing materials in sales offices and model homes.
- Developing and increasing builder use of enhanced HVAC design services centered around ENERGY STAR requirements.
- Publishing quarterly newsletters and media releases featuring ENERGY STAR content for an audience of over 15,000 members nationally.

Building Efficiency Resources Brevard, North Carolina

Building Efficiency Resources, a home energy rating company, certified more than 3,700 homes as ENERGY STAR® in 2021, for a cumulative total of more than 25,000 since 2010. Key 2021 accomplishments include:

- Implementing a video-based quality assurance system to support the work of home energy raters and ensure that ENERGY STAR program requirements are met.
- Delivering training classes statewide on behalf of the New York State Home Builders Association for builders, code enforcement officials, real estate professionals, and home inspectors.
- Sharing information about ENERGY STAR and upcoming program changes with its home energy rater network through articles, social media, and training opportunities.
- Working collaboratively with leading green building programs and encouraging project teams to meet ENERGY STAR program requirements as part of their certification efforts, even where not explicitly required.

New Home Builder/Affordable Housing

McStain Neighborhoods

Denver, Colorado

McStain Neighborhoods, a regional home builder, constructed over 60 ENERGY STAR certified homes in 2021, for a cumulative total of more than 2,000 since joining the program in 2001. Key 2021 accomplishments include:

- Featuring ENERGY STAR throughout its electronic and printed marketing materials, including all website pages, printed sales center materials, social media posts, blogs, and email campaigns.
- Training all sales team members on the features and benefits of ENERGY STAR certified homes using EPA's ENERGY STAR Sales Training Toolkit.
- Educating homebuyers on the features and benefits of its ENERGY STAR certified homes by attaching EPA's ENERGY STAR New Home Homeowner Maintenance Guide to all new homebuyer welcome letters.
- Providing ongoing training to new field and purchasing staff on ENERGY STAR program requirements.
- Achieving EPA's WaterSense and Indoor airPLUS certifications within their Arras Park housing project as complements to ENERGY STAR certification.

Winton & Associates

El Paso, Texas

Winton & Associates, a regional home builder, certified over 50 homes as ENERGY STAR in 2021, for a cumulative total of more than 2,500 since joining the program in 2004. Key accomplishments in 2021 include:

- Featuring ENERGY STAR prominently in all marketing materials, including direct mailers, social media posts, and a reciprocal link to the ENERGY STAR website on its website's top menu.
- Educating local real estate professionals about its ENERGY STAR certified homes through its Winton University educational training.
- Holding bi-weekly meetings with all construction staff to ensure that all ENERGY STAR requirements are met.
- Making solar panels a standard option on every home and beginning construction of a third net-zero energy home, to be completed in 2022.

Product Brand Owner

Bosch home appliances Irvine, California

Bosch home appliances is a residential kitchen and laundry appliances manufacturer. In 2021, Bosch continued to show leadership in its level of commitment to certifying products to ENERGY STAR®, as well as increasing ENERGY STAR communications and marketing efforts. Key accomplishments in 2021 include:

- Earning ENERGY STAR certification for nearly all its residential appliance products, including its complete portfolios of refrigerators, dishwashers, clothes washers, and clothes dryers.
- Creating an internal ENERGY STAR asset portal for dealers that provides resources, including documents, links, and creative materials for all of Bosch's ENERGY STAR certified products.
- Expanding incorporation of ENERGY STAR messaging across marketing and communications endeavors, garnering over 2.6 billion impressions.
- Offering trainings at more than 1,000 in-person and virtual events on its ENERGY STAR certified dishwashers, laundry, refrigeration, and select ventilation models.
- Providing continuous feedback and engaging with the ENERGY STAR program on specification development efforts.

ecobee Inc. Toronto, Ontario

ecobee Inc. offers smart thermostats and other smart home solutions. In 2021, ecobee stood out for its impressive commitment to providing training about the value of ENERGY STAR® and promoting ENERGY STAR to its customers. Key 2021 accomplishments include:

- Participating in ENERGY STAR Earth Day, ENERGY STAR Day, and Holiday campaigns and promotions, exceeding internal expectations of sales and with robust readership of blog posts.
- Training all new employees and nearly 6,000 contractors and installers on the meaning and importance of ENERGY STAR certification.
- Continuing close collaboration with EPA on improvements to the smart thermostat metric.
- Continuing to support the unique Donate Your Data program, making detailed thermostat telemetry available to researchers with users' permission.
- Collaborating with EPA to develop internal guidance to ensure consistent and appropriate use of ENERGY STAR marks in ecobee materials.

Hayward Holdings Berkeley Heights, New Jersey

Hayward Holdings is a pool equipment manufacturer. Hayward offers the highest-rated pool pumps for efficiency in the industry among in-ground pool pumps. Key 2021 accomplishments include:

- Demonstrating unparalleled leadership in pool pump efficiency by introducing the first inverter-driven variable speed pool pump.
- Launching the new TriStar XE ultra-high efficiency pumps, which are built to deliver maximum energy savings and cut equipment costs by more than one-third.
- Developing and releasing ENERGY STAR® educational resources on its website that explain the new Weighted Energy Factor rating system and its importance to the market.
- Creating webinars and videos to help educate the industry about new ENERGY STAR requirements for pool pumps.

HP Inc.

Palo Alto, California

HP Inc. is a global technology company. HP expanded its efforts to reach channel partners with ENERGY STAR® messaging and donated more than 18,000 ENERGY STAR certified products to underserved communities. Key 2021 accomplishments include:

- Earning the ENERGY STAR label for 95 percent of its products.
- Launching a retail training challenge that resulted in over 10,000 retail associates being trained on the benefits of ENERGY STAR.
- Featuring ENERGY STAR on its website and in advertisements, reaching over 18 million customers.

Rheem Manufacturing Company

Atlanta, Georgia

Rheem Manufacturing Company is a manufacturer of residential and commercial water heaters and boilers, as well as heating, ventilating and air conditioning equipment. Rheem stood out for its commitment to promoting ENERGY STAR® products in digital and print campaigns, generating more than 85 million consumer impressions via banner, print ads, and on social media. Key 2021 accomplishments include:

- Developing a new split-system ENERGY STAR certified heat pump water heater for commercial and multifamily applications.
- Facilitating 150 training events on the installation of ENERGY STAR certified heat pump water heaters and tankless gas water heaters for more than 3,600 participants including plumbers, contractors, raters, engineers, efficiency program managers, and builders.
- Serving as a presenter or panelist at five ENERGY STAR events dedicated to high efficiency, sustainability, and ENERGY STAR certified heat pump water heaters.
- Partnering with ENERGY STAR to increase awareness about ENERGY STAR certified heat pump water heaters by writing a blog post for ENERGY STAR Day, which appeared on Rheem's website.
- Creating the Rheem Rebate Center online, where consumers can search for local rebates for ENERGY STAR certified Rheem heating, cooling, or water heater solution.
- Identifying contractors for the ENERGY STAR Installer Finder who are qualified to install and service ENERGY STAR heat pump water heaters and providing training on Rheem products.

True Manufacturing (True Food Service Equipment) **O'Fallon, Missouri**

True Manufacturing (True Food Service Equipment) is a U.S. manufacturer and global supplier of commercial, residential, and lab-grade refrigeration equipment and ice-making refrigeration systems. True Manufacturing is recognized for its commitment to reducing the carbon footprints of its customers by producing and promoting ENERGY STAR® certified equipment with low global warming potential foam-blowing agents and natural refrigerants (in particular, R-290). Key 2021 accomplishments include:

- Increasing visibility and consumer awareness of the ENERGY STAR label through various online training opportunities and trade shows as well as a new, user-friendly dedicated webpage highlighting over 200 ENERGY STAR certified models.
- Providing constructive feedback throughout the ENERGY STAR commercial refrigerator and freezer Version 5.0 specification revision process, as well as crucial input for the development of ENERGY STAR Emerging Technology Award criteria for adaptive commercial refrigeration equipment.
- Working with standard setting bodies within the United States and abroad to update energy consumption test methods for commercial refrigeration systems and to update safety standards in order to allow the use of larger charge sizes of low GWP refrigerants.
- Maintaining a large selection of ENERGY STAR certified models containing low GWP refrigerants.

Xerox Corporation **Norwalk, Connecticut**

Xerox Corporation is a work solutions company specializing in print technology, imaging, and data analytics. Xerox achieved the ultimate success when it comes to ENERGY STAR® product certifications, while demonstrating its commitment to making its customers aware of the benefits ENERGY STAR offers. Key 2021 accomplishments include:

- Earning ENERGY STAR certification for 100% of its product lines.
- Training over 1,600 retailers and distributors about the benefits of ENERGY STAR imaging equipment.
- Promoting ENERGY STAR Day with external messages through social media, including Facebook, Twitter, LinkedIn, and Instagram, garnering a total of 59,000 impressions.
- Featuring the ENERGY STAR certification mark and educational messaging throughout Xerox.com web pages, including relevant product category pages, individual product pages, and its sustainability pages.

Retailer

The Home Depot Atlanta, Georgia

The Home Depot is a home improvement retailer. All told, The Home Depot's marketing efforts and in-store displays featuring ENERGY STAR® earned billions of impressions. Key 2021 accomplishments include:

- Incorporating ENERGY STAR into the product filters for every relevant category on homedepot.com.
- Highlighting ENERGY STAR as a primary means of consumer energy reduction in The Home Depot's Environmental, Social, and Governance report.
- Featuring ENERGY STAR messaging and products in social media advertisements, which garnered over 300 million impressions.
- Reducing customer utility costs by over \$2 billion in the last year through the sale of ENERGY STAR products.

Service and Product Provider

Conservice River Heights, Utah

Conservice is a utility information services provider specializing in sustainability consulting and environmental, social, and governance reporting. Conservice benchmarked energy, water, and waste for more than 20,400 client properties. Key 2021 accomplishments include:

- Supporting ENERGY STAR® certification for nearly 900 properties, including 125 properties submitted for the first time.
- Obtaining ENERGY STAR Tenant Space recognition for clients.
- Integrating ENERGY STAR content into a multi-channel messaging and content strategy including website and blog, social media, webinars, and podcast.

Global Facility Solutions, LLC Columbia, Maryland

Global Facilities Solutions, LLC is an energy and engineering services company providing building sustainability solutions. Global Facilities Solutions demonstrates its commitment to ENERGY STAR® by benchmarking their entire client portfolio of over 80 properties and certifying more than 50 properties. Key 2021 accomplishments include:

- Integrating ENERGY STAR Portfolio Manager energy and greenhouse gas performance metrics across energy audit, retrocommissioning, and energy project development services.
- Introducing small businesses to ENERGY STAR tools and content through a multiplatform social media communications campaign.
- Providing energy disclosure reporting services via ENERGY STAR Portfolio Manager® for clients located throughout the United States.

RealPage Sustainability Richardson, Texas

RealPage is a provider of software and data analytics to the real estate industry. RealPage benchmarked over 5,400 multifamily properties, comprised of nearly 23,000 buildings, with ENERGY STAR Portfolio Manager®. Key 2021 accomplishments include:

- Achieving a nationwide record of 100% reporting compliance for the second consecutive year for clients in jurisdictions with benchmarking requirements.
- Installing IoT-enabled waste sensors at over 260 new properties to automate waste diversion data collection and generate reports for upload into Portfolio Manager.
- Doubling production of case studies, presentations, white papers, and flyers featuring the value of sustainability and ENERGY STAR® benchmarking.
- Launching a new sustainability podcast series that has featured ENERGY STAR content.

Excellence

ENERGY STAR Marketing

Appalachian Power Company Charleston, West Virginia

Appalachian Power is an electric utility in Virginia and West Virginia. The utility's comprehensive marketing efforts effectively increased consumer awareness of ENERGY STAR® certified products, while promoting cost-saving initiatives to achieve ambitious energy-saving goals. Key 2021 accomplishments include:

- Driving ENERGY STAR product sales through numerous outreach channels, including in-store point-of-purchase materials, postcards featuring retailers with incentives on ENERGY STAR certified products, and digital marketing, including social media, and monthly e-newsletters.
- Conducting training at more than 350 retail locations and 275 outreach events, promoting the features and benefits of ENERGY STAR certified products, along with weatherization items and general tips to make homes more energy efficient.
- Facilitating home upgrades among customers across Virginia and West Virginia, including ENERGY STAR certified air-source heat pumps, ductless mini-splits, smart thermostats, and insulation, as well as certified LED bulbs achieving more than 9 million kwh of energy savings through November of 2021.
- Implementing new customer portals where customers can track their personalized energy savings journey in the Home Performance with ENERGY STAR program, find participating retailers, and submit applications for ENERGY STAR certified appliances. The websites also provide energy-saving educational resources, including the ENERGY STAR "Ways to Save Tips," the ENERGY STAR Pledge, and links to additional energystar.gov content.
- Providing energy-efficiency opportunities to underserved customers by partnering with retailers to offer incentives on weatherization products, as well as ENERGY STAR lighting incentives at local dollar/hardware stores. More than 450,000 LEDs were sold to customers at these locations who otherwise may not have had the ability to purchase these products, resulting in more than 17 million in collective kWh savings.

BOMA Georgia Atlanta, Georgia

BOMA Georgia is a trade association for commercial real estate professionals. BOMA Georgia conducted a month-long educational campaign aimed at educating the real estate community about ENERGY STAR® and encouraging the industry to pursue energy conservation and sustainable building practices. Key 2021 accomplishments include:

- Promoting ENERGY STAR Month and its campaign throughout the year, with an advertisement in the CRE Insight Journal, an ENERGY STAR Month banner on the BOMA Georgia homepage, and newsletters leading up to the month.
- Producing several articles during October covering topics related to the ENERGY STAR Program. Examples include articles on how the ENERGY STAR Score is calculated, how to achieve ENERGY STAR certification for buildings, key performance indicators for sustainability and technology, and ways to save energy in commercial buildings.

- Producing several videos featuring interviews with CRE professionals discussing energy efficiency and ENERGY STAR, covering topics such as the history of the ENERGY STAR Program and its impacts, and experiences benchmarking with ENERGY STAR Portfolio Manager®.
- Creating and releasing the ENERGY STAR Month content guide, which featured all 15 resources that were developed for the event and continuing to promote the resources after the conclusion of the event.
- Realizing nearly 12,000 impressions on BOMA Georgia's website throughout the campaign and a 50 percent increase in page views on the CRE Insight Journal website.

Dominion Energy **Richmond, Virginia**

Dominion Energy is an electric utility in Virginia and North Carolina. Dominion Energy's 2021 impressive marketing efforts resulted in sales of over 3 million ENERGY STAR® certified LED bulbs and nearly 22,000 ENERGY STAR certified appliances, saving customers 97,522,247 gross kilowatt hours (kWhs), which exceeded program goals by over 120%. Key 2021 accomplishments include:

- Promoting ENERGY STAR incentives at retail/e-tail point-of-sale, including through 500 national and regional retailers and on lighting, air purifiers, and dehumidifiers sold through marketplaces serving Virginia and North Carolina customers.
- Increasing the visibility of ENERGY STAR certified lighting products through endcap displays at Lowe's and Costco and pallet promotions at Walmart, resulting in over 100,000 additional certified LED lightbulbs sold.
- Replacing nearly 15,000 old, energy-hogging refrigerators with ENERGY STAR certified refrigerators and promoting ENERGY STAR Most Efficient for more savings.
- Deploying a 50-week digital media campaign featuring ENERGY STAR, including consumer e-blasts and digital ads, resulting in over 8 million impressions and over 82,000 opens/clicks.

NACS **Alexandria, Virginia**

The National Association of Convenience Stores (NACS) is a trade association. NACS advanced strategic energy management in the industry by collaborating with EPA to create, co-brand, and promote new ENERGY STAR® tools and resources. Key 2021 accomplishments include:

- Surveying its members to enable EPA to create the first ENERGY STAR score for convenience stores.
- Convening industry leaders to work with EPA to create guides and best practices for ENERGY STAR Treasure Hunts.
- Using trade publications, podcasts, and social media to promote new ENERGY STAR materials to its membership.
- Promoting the use of ENERGY STAR certified equipment to reduce plug loads.

National Grid **Waltham, Massachusetts**

National Grid is an electric and gas utility in Massachusetts, New York, and Rhode Island. National Grid's comprehensive ENERGY STAR® marketing campaign deployed a three-pillar marketing strategy, including education, conversion, and community, that resulted in broad customer education and

engagement on the benefits of ENERGY STAR across a wide assortment of products. Key 2021 accomplishments include:

- Educating consumers about the value of ENERGY STAR through a “Comfort Zone” campaign comprised of an Energy Efficiency Guide, blog posts, bill inserts, social media, and an email campaign reaching over 1 million customers in Massachusetts, Rhode Island, and Upstate New York, with open and click-through rates close to double industry averages.
- Converting customers through online marketplace promotions featuring ENERGY STAR, post-purchase educational outreach, and in-store programs working with 192 retail partner locations, all resulting in a significant increase in sales of ENERGY STAR certified air purifiers, dehumidifiers, smart thermostats, and lighting products.
- Engaging underserved audiences through an in-language, in-culture Hispanic campaign; a food-bank LED drive delivering 45,000 9-watt ENERGY STAR certified A-line bulbs; and a virtual school fundraiser to spread awareness and education about energy efficiency, climate change, and careers in energy that reached over 100,000 students and raised over \$650,000 over the life of the program.

Snohomish County PUD, No. 1 Everett, Washington

Snohomish PUD is a publicly owned electricity provider. In 2021, Snohomish successfully executed a comprehensive program designed to accelerate the adoption of electrical vehicle charging into its territory while carefully managing the grid impacts of the new load by using ENERGY STAR® certified EV chargers. Key 2021 accomplishments include:

- Reducing purchase barriers with the creation of an online marketplace for consumers featuring ENERGY STAR certified EV chargers. The marketplace, developed by Snohomish, includes simple and clear information and utilizes the ENERGY STAR logo to highlight product efficiency and quality.
- Promoting new EV opportunities to consumers through an annual sweepstakes event. The sweepstakes included several calls to actions, resulting in over 1,800 customers researching ENERGY STAR certified chargers, learning about special EV electric rates, and exploring EV resources.
- Reducing the cost barrier to making the transition from gas to electric by offering free electricity credits to select customers who installed ENERGY STAR EV chargers. Through targeted outreach, Snohomish educated over 300,000 consumers with messages on the benefits of EVs and charging from home. As an added incentive, it offered a \$400 home charging electric bill credit for consumers who purchased a qualified EV model.
- Developing a comprehensive consumer education program, seen by 11,000 customers, to support people who are considering an EV purchase. The education program featured information on the environmental benefits of EVs, the benefits of a certified ENERGY STAR model, a quarterly EV newsletter, a social media campaign, tips on reducing costs, a comparison tool for EVs, and detailed information on how to keep your EV charged throughout the Snohomish service territory. The consumer education program resulted in sales of over 1,200 ENERGY STAR certified EV chargers.

Product Design

Beverage-Air Winston Salem, North Carolina

Beverage-Air is a U.S. manufacturer of commercial refrigeration equipment for the food service industries. Beverage-Air stands out for its commitment to product innovation, including model redesigns that use low-global warming potential refrigerants (R-290), the introduction of adaptive defrost features, and the incorporation of variable speed compressors that can result in savings up to 30%. Key 2021 accomplishments include:

- Highlighting the value of ENERGY STAR certification, noting that 50% of its offerings have earned the label, in product trainings, staff onboarding, consultant webinars, product training videos, and marketing materials.
- Launching multiple social media campaigns featuring ENERGY STAR®, incorporating ENERGY STAR web banners on its website, and providing flyers, brochures, and its 2021 Product Catalog that prominently features the ENERGY STAR logo to manufacturer representative groups.
- Focusing heavily on internal staff and dealer/distributor training dedicated to environmental messaging related to energy consumption and the ENERGY STAR program.

QBD Cooling Systems Inc.
Brampton, Ontario

QBD Cooling Systems Inc. is a Canadian manufacturer of commercial refrigeration equipment. QBD furthered energy efficiency improvements across product lines and launched new marketing initiatives featuring ENERGY STAR®. Key 2021 accomplishments include:

- Achieving 11% improvement in efficiency associated with multiple critical component updates from evaporator design and refrigerant charge to higher efficiency fan motors and newer generation CSR compressors.
- Reducing refrigerant charge by up to 90% by switching from HFC to low-global warming potential (R-290) refrigerants in its latest open-air and transparent door cooler models.
- Featuring clear listings of ENERGY STAR certified products on QBD's dedicated webpage, brochures, and other marketing literature.