



The American Gas Association, founded in 1918, represents more than 200 local energy companies that deliver clean natural gas throughout the United States. There are more than 79 million residential, commercial and industrial natural gas customers in the U.S., of which 94 percent — more than 74 million customers — receive their gas from AGA members. Today, natural gas meets one-third of the United States' energy needs.

 [AGA_NATGAS](#)  [NATURALGAS](#)  [AGA_NATURALGAS](#)





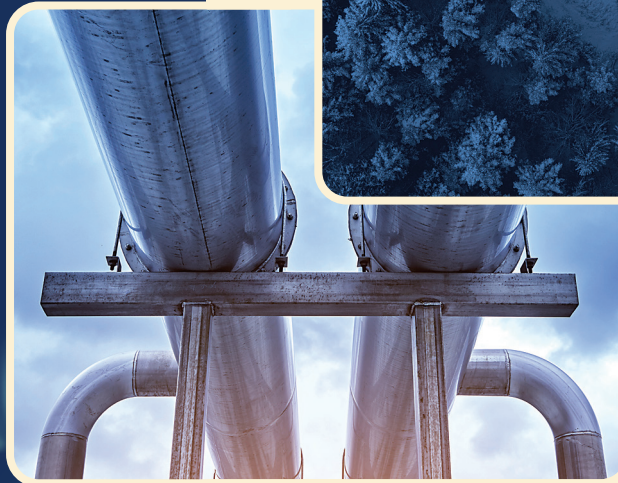
2024

YEAR END REPORT



A Message

FROM THE CEO



Throughout 2024, local distribution companies proved that natural gas is both a dependable and efficient energy source for Americans. America's natural gas utilities were relentlessly tested in many ways, but still consistently showed up for the American people.

From severe cold snaps to an extraordinarily destructive hurricane season, extreme weather impacted millions of Americans across the country. In those moments of crisis, natural gas served as a source of comfort to many with gas stoves and other gas appliances, in the face of prolonged power outages.

Yet even as our opponents continue to find novel approaches to put natural gas utilities out of business, demand reached an all-time high. As the need for reliable energy continues to skyrocket, our members were able to deliver a record high of 29.7Tcf of natural gas safely to customers across the country. It's no wonder that favorability ratings for natural gas have also reached an all-time high.

Energy demand has continued to increase on a global scale, and America's abundance of natural gas has positioned our nation as an energy leader – creating jobs, new opportunities and securing the strength in our future. As geopolitical tensions rise throughout the world, Americans should rest assured that our national security remains stronger than ever thanks to the accessibility, reliability and resiliency of natural gas.

Providing long-term career options is just one way in which America's natural gas utilities continue to support economic growth. Natural gas utilities today are at the forefront of the technology revolution, implementing artificial intelligence and machine learning to optimize the delivery of natural gas to the burner tip, and providing creative and innovative career options across the nation.

We also know that to reshore manufacturing in the United States, we must rely more heavily on natural gas. The United States is the world's largest producer of natural gas and consumers enjoys prices approximately one-fifth of what those in Europe experience. This has resulted in significant capital investments by companies that prioritize reliable, low-cost energy for their operations – and has helped make America a welcome home for energy-intensive manufacturing industries such as fertilizer, semiconductors, and electric vehicles.

At the same time, natural gas continues to play a critical role in a more sustainable future. This industry, consistently focused on lowering emissions, has been a leader in helping our nation meet its energy and environmental goals. Thanks in large part to technological advancements and innovation across our industry, energy-related carbon dioxide emissions in America's natural gas utilities successfully hit new 40-year lows.

This past year has proven that natural gas is here to stay. The year ahead will no doubt provide opportunities and challenges alike, and I look forward to the collaboration and innovation ahead as we continue to deliver the safe, reliable and affordable energy Americans expect every day.

Sincerely,

Karen A. Harbert

PRESIDENT AND CEO,
AMERICAN GAS ASSOCIATION

Dashboard

> YEAR END 2024

THE NATURAL GAS INDUSTRY DELIVERS

Industry Snapshot

\$32.9B

invested in safety

\$1.55B

invested in energy efficiency programs

24,800

miles added of distribution pipelines

660,000

new customers added

Delivered 29.7Tcf

of natural gas to residential, commercial, industrial and electric generation customers.

Used 1,809Bcf

of natural gas from storage to meet demand and have refilled 1,726 Bcf of natural gas storage.

Affordable

> American families use natural gas because it is affordable

Compared to homes using electricity, households that use natural gas for heating, cooking and clothes drying save an average of

\$1,132 per year

> OVER 10 YEARS, BUSINESSES HAVE SAVED

\$500B+

Reliable

> American families use natural gas because it is affordable

ONLY

1 in 650

customers are expected to experience a planned or unplanned natural gas outage in any given year.

AGA DELIVERS

Industry Support

26,964

participants in 405 AGA events

38,928

visits to the Playbook website

769,863

visits to the website with 261,250 new users

11,063

attendees to 196 committee meetings

2.9M

social media post views from 119,812 followers

737

media stories that mention AGA



Innovative

> America's natural gas utilities are committed to reducing greenhouse gas emissions through smart innovation

Natural gas efficiency and the growth of renewable energy have led to energy-related carbon dioxide emissions hitting

40-year lows

Switching from coal to natural gas for electricity generation reduces greenhouse gas emissions by an average of

54%

Compared to other fuel sources, carbon dioxide emissions from residences using natural gas for space heating, water heating, cooking and clothes drying are about

18% lower

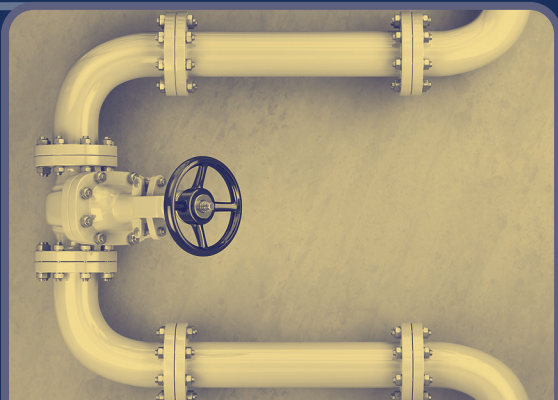
Natural gas infrastructure supports

821 RENEWABLE NATURAL GAS FACILITIES

334
OPERATIONAL

165
UNDER CONSTRUCTION

33
AGA MEMBERS INVOLVED IN HYDROGEN PROJECTS



Safe

> Safety is our top priority

Natural gas is delivered to customers through a

2.7M miles

UNDERGROUND PIPELINE SYSTEM

\$33B

is invested each year by America's natural gas utilities to enhance the safety of natural gas distribution and transmission systems.

Environment

> Proven emissions reduction track record

AS LITTLE AS

0.1%

of the natural gas delivered nationwide is emitted from local distribution systems.

Since 1990, emissions from the natural gas distribution system have declined.

↓70%

Essential

> Nearly 189 Million Americans use Natural Gas

↑20%

Direct employment at natural gas utilities has grown 20% over the last 10 years.

Safety AND Security

Safety and security have always come first for America's natural gas utilities. AGA continued to deliver landmark programs that help our members deliver gas to customers safely and reliably.



13 IN-PERSON REVIEWS

33 TOPICS

111 EXPERTS

AGA completed **13 in-person Peer Reviews** and Virtual Assessments covering **33 topics** and utilizing **111 subject matter experts**. In addition, 90 companies participated in AGA's Best Practices Program which continues to serve as a valuable resource for member utilities in benchmarking performance in gas operations. This year, AGA also elevated its Physical Security and Cybersecurity Focus Groups into formal benchmarking programs to help participants compare their security programs with industry peers.

AGA continues to play a leading role on Capitol Hill for Pipeline and Hazardous Material Safety Administration (PHMSA) reauthorization.

In May 2024, AGA testified before the U.S. House of Representatives Subcommittee on Railroads, Pipelines, and Hazardous Materials to highlight essential pipeline safety needs in the PHMSA reauthorization.

AGA focused efforts on worker safety for our industry through advocacy for utility worker assault prevention language in state legislation and continued support for our Pipeline Safety Management Systems (PSMS) Portal.

In addition, AGA serves as the industry’s leader on security. AGA presented NGX-2024, a biennial exercise in which natural gas operators tested and validated plans for response to and recovery from cybersecurity and physical security threats. More than 250 participants joined NGX-2024, representing 51 energy companies (natural gas utilities, transmission companies and electric utilities), a half dozen federal agencies (DHS, CISA, CESER, TSA), state governments (CA & OK), and Canadian government entities, and multiple trade associations. AGA also testified before the Senate Cyber & Infrastructure Protection Subcommittee hearing on the role of natural gas in ensuring critical infrastructure and before the House Transportation and Maritime Security Subcommittee hearing on the impacts of cybersecurity regulations in the transportation sector.



2024 AGA Cyber Metrics Survey Participation

40

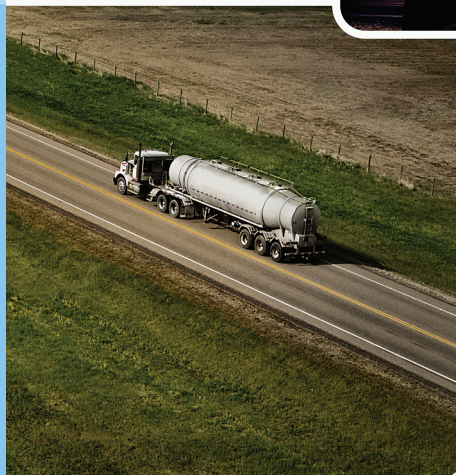
AGA MEMBER UTILITIES AND TRANSMISSION COMPANIES

930K

MILES OF DISTRIBUTION MAINS

Reliability AND Resiliency

AGA is proud of our members' efforts to deliver natural gas to **189 million Americans** and **5.8 million businesses** in 2024.



Time and time again, local distribution companies proved that natural gas is both a dependable and efficient energy source for Americans throughout 2024. In times of crisis—from severe cold snaps to intense hurricanes, natural gas is there when people need it, providing comfort through natural gas cooking and fueling emergency services with CNG trucks.

RATE SCHOOL

70 Members

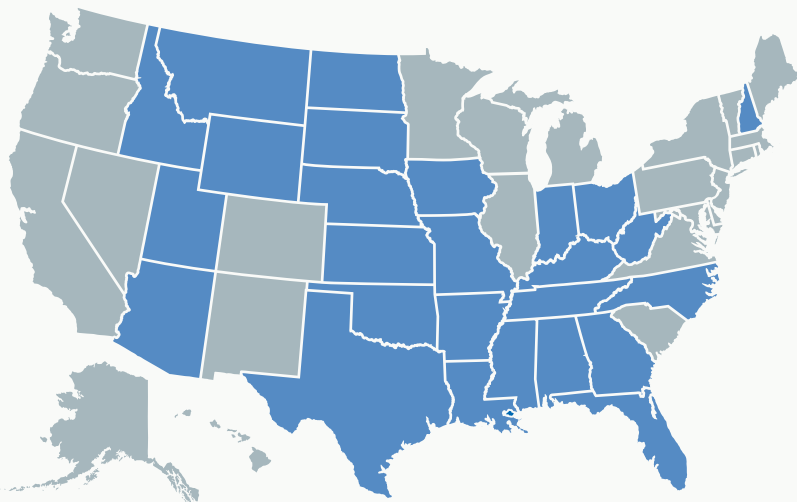
AGA hosted more than **70 members** and natural gas utility stakeholders at the 2024 AGA Rate School program, which is designed to educate professionals on issues relating to natural gas utility ratemaking.



Fuel Choice Legislation

The reliability and resiliency of natural gas make it a preferred fuel choice for households and businesses, as proven by recent legislative victories in the states. When natural gas use is on the ballot, voters continue to protect it. **In 2024, Nebraska became the 26th state to pass fuel choice legislation.** The Nebraska Legislature passed it with a unanimous and bipartisan vote, protecting energy choice for consumers in most states. Now more than 157 million Americans and 58 million households have protected choice when it comes to how to fuel their businesses and homes.

FUEL CHOICE STATES



Also in 2024, **13 states** also introduced innovation language that provides a framework for natural gas utilities to invest in innovative technologies and emerging fuel sources, while also reducing greenhouse gas emissions. As other states explore passing energy innovation laws, AGA has developed model language for other states considering similar legislation based on lessons learned. This model language aims to help other states and natural gas utilities achieve the positive results realized in states including Minnesota, Virginia, Tennessee, New Hampshire, and Kansas.

AGA made significant progress in protecting the use of natural gas in residential homes.

Berkley, California

After a prolonged battle, the City of Berkley agreed to halt enforcement of a natural gas ban in new construction and took appropriate steps to fully repeal the ordinance. AGA filed an amicus brief in this case and played an instrumental part in achieving this positive industry outcome.

Freedom to Cook

AGA was instrumental in securing the passage of Freedom to Cook legislation in both Mississippi and Alabama, allowing homeowners to choose the appliances they want in their homes.

Natural Gas Cooktops

AGA vigorously challenged a DOE proposed a rule that would have removed 96% of natural gas cooktops from the market and filed exhaustive comments that ultimately flipped the ratio to keep 97% of natural gas stoves on the market.

Final Furnace Rule

AGA led a coalition and challenged the DOE's final furnace rule in court, after the agency rejected AGA's extensive comments and published a final rule that would eliminate a large percentage of natural gas furnaces from the market. The court heard oral arguments in this case on November 21, 2024 and an opinion is expected in Spring or Summer of 2025. Additionally, through extensive comments and stakeholder engagement, AGA influenced EPA to maintain natural gas furnaces within the ENERGY STAR program, preventing their exclusion.

Environmental Responsibility

AGA aggressively champions natural gas as a key player in a lower-carbon future. As natural gas helps reduce emissions across the country — and the world — the industry also remains focused on innovation and fuels like renewable natural gas (RNG) and hydrogen to expand energy options and security.



Secured a Major Victory at the International Code Council

AGA successfully repealed provisions in the International Energy Conservation Code (IECC) that would have negatively impacted the direct use of natural gas in homes and businesses. Looking to the future, AGA's Building Energy Codes and Standards Committee has also formed a task force to develop new IECC proposals for 2027.

Produced Critical Industry Studies and Reports

AGA delivered essential studies on critical topics including Investor Expectations, Appliance Comparisons, Energy Efficiency, and Winter Heating Season Planning, while providing hundreds of regular market insights, industry analyses, and data reports.



Advanced Climate and Sustainability Initiatives

AGA developed Hydrogen Principles and led member initiatives on RNG, hydrogen blending, methane reductions, gas heat pumps, hybrid heating, and carbon management to keep members informed of industry advancements and leading practices. Our Hydrogen Blending workshop drew over 100 members, and plans are underway for an RNG workshop in 2025.

Engaged at CERAWeek

AGA's President and CEO represented the natural gas industry at CERAWeek. In a panel focused on U.S. energy policy in an election year, AGA advocated for an "all of the above" approach to the future of energy in America.

Represented Natural Gas at Clean Energy Week

AGA addressed policymakers and influencers at Clean Energy Week's Policymakers Symposium, sharing how natural gas is critical for U.S. manufacturing competitiveness and economic security. AGA's participation in Clean Energy Week is a testament to the natural gas industry's commitment to protecting our environment while facing challenges ranging from affordable manufacturing, to meeting surging demand for AI data centers, to protecting America's position globally.



Customer Solutions AND Affordability

The affordability of natural gas continues to make it the preferred energy choice for Americans. In fact, AGA's new research study on home appliances found that new homes fueled by natural gas save significantly on annual energy costs.

Homeowners with natural gas save on average

\$1,132 PER YEAR

Advanced natural gas furnaces save an extra

\$492 PER YEAR

While cost savings are crucial, the emissions reduction benefits of natural gas are also significant. Our study shows that new homes with high efficiency natural gas appliances cut greenhouse gas emissions by 17% over 15 years and meet or exceed emissions reductions from homes with a cold climate heat pump — at a much lower upfront and ongoing cost.





350 ORGANIZATIONS

300+ MEETINGS

Industry Engagement and Outreach

AGA's enduring leadership on the Low Income Home Energy Assistance Program (LIHEAP) reached new heights in 2024. **Nearly 350 organizations representing nearly every U.S. state and territory held 300+ meetings** with legislators during LIHEAP Action Day. Several months after LIHEAP Action Day, the House and Senate Appropriations Committees recommended LIHEAP funding increases of \$15 million and \$100 million in their respective versions of the Labor Health and Human Services and Education Appropriations bills. The proposed LIHEAP increases are particularly notable as these bills sought overall cuts of 10-20%.

GRASSROOTS ADVOCACY

AGA's Fueling Our Community grassroots program has recruited more than **25,000 advocates**, and we are still growing. AGA engages these advocates when challenges arise at federal agencies or Congress to stand up for our industry and educate decision-makers on the benefits of natural gas.

INDUSTRY ENGAGEMENT

This year, AGA **hosted 14 webinars with more than 5,000 attendees** learning about key issues and AGA's latest reports, market analysis and pending regulations. The Advocacy and Outreach team **reached more than 30,000 people** with AGA news, reports, videos, facts, regulatory comments, and legislative intelligence.

VOTER RESOURCE CENTER

With all levels of government making decisions about the energy we use, AGA created a Voter Resource Center to educate and motivate member company employees to vote. Since launching, the website has received **nearly 5,000 visitors** looking for their voter registration status and polling locations.

Outreach AND Leadership

AGA is the industry leader for convening natural gas utilities to share ideas, develop leadership acumen, solve common challenges, and learn best practices from one another. Here are just a few highlights of how AGA brought our industry together in 2024.



2024 HIGHLIGHTS

AGA Takes on the Conventions

The AGA team attended the Democratic and Republican National Conventions this year to advocate for the natural gas industry regardless of which party is in power. In both Chicago and Milwaukee, Karen Harbert spoke on panels hosted by Punchbowl News.

Executive Conference

The Executive Conference is a favorite event among AGA members. This invitation-only conference for energy utility CEOs and senior executives featured panels on crucial industry issues, keynote speakers, and peer-to-peer networking opportunities. For the first time, the 2024 Next Level Leadership Women's Program participants were invited to participate to maximize member engagement and networking opportunities.



Executive Leadership Development Program

AGA hosted its biannual Executive Leadership Development Program (ELDP) with 30 member company representatives joining the program. ELDP helps rising stars in our member companies gain a better understanding of successfully navigating our nation's Capital and provides the knowledge to enable a natural gas utility to thrive in Washington's changing political and regulatory environment.

Financial Outreach

The AGA Financial Forum is the premier event for connecting the financial community with senior officers from the gas utility industry. Through a series of company presentations and one-on-one meetings, securities analysts, institutional investors, portfolio managers, rating agency representatives and bankers had an opportunity to meet with AGA member company CEOs, CFOs, Treasurers and IROs. Natural gas utilities are a strong financial investment year after year. 34 of our publicly traded member companies participated in the event.

The AGA Mini-Forum for the Financial Community took place in Boston. Members of the financial community met with CFOs, IROs, and Treasurers of 12 publicly traded member companies.

Next Level Leadership Women's Program

AGA's Next Level Leadership Women's Program provides a leadership development opportunity for women below the vice president level who are ready to assume leadership roles at their companies. This year's hybrid program had a record number of attendees and consisted of three sessions that included targeted skills training, discussions from industry leaders, networking, and more.

Strategic Partnerships

AGA continues to demonstrate industry leadership through several strategic partnerships, including National Association of Regulatory Utility Commissioners (NARUC), National Association of State Energy Officials (NASEO), National Energy Resources Organization (NERO), NEUAC (National Energy & Utility Affordability Coalition), American Association of Blacks in Energy, Hispanics in Energy, Women in Energy, the Economic Development Officers Association, National Governor's Association, and the US Conference of Mayors.

Throughout 2024, AGA hosted several of these partners during Board and Executive Committee Meetings, including the Executive Director and Executive Director-elect of NARUC, the Mayor of Phoenix, an Arizona Corporate Commissioner, a Georgia Public Service Commissioner, the Executive Director of NASUCA, and the President & CEO of NERC.

Most notably, AGA successfully hosted the first Natural Gas Readiness Forum on December 16 and 17, 2024 in Atlanta at the request of NARUC and the GEAR Task Force. The Natural Gas Readiness Forum is dedicated to the enhancement of U.S. natural gas value chain reliability via the promotion of communication, connection, collaboration and education across relevant stakeholders. NARUC first announced the Natural Gas Readiness Forum in November 2024, after a unanimous vote from both the GEAR Task Force and the NARUC executive committee.



Broadening Voices

AROUND THE VALUE OF NATURAL GAS UTILITIES

AGA continues to implement diverse strategies to showcase the people behind the industry, highlighting their stories and contributions. Here are a few examples of these communications campaigns that highlight the value of natural gas and the efforts that utilities make to support their customers and communities.

AGA Playbook

AGA distributed 7,000 hard copies of the 2024 AGA Playbook to key stakeholders on Capitol Hill, federal agencies, at AGA events, and shared with members upon request for employees.



7K HARDCOPIES OF 2024 PLAYBOOK



Social Media Presence

AGA grew its audience to nearly 60,000 followers and reached more than 2.2 million views through original content.

60K FOLLOWERS — **2.2M** VIEWS

Advancing America

The Advancing America series demonstrates the role of natural gas in fueling some of the most vital sectors to the U.S. economy. After the successful launch of two reports focusing on hospitality and healthcare, AGA released two new reports in 2024 that explored the positive impacts of natural gas in the vitality and growth of the pharmaceutical industry and the agricultural industry.

Cooking with Gas

AGA advanced the Cooking with Gas Campaign, partnering with ONE Gas, Inc. Tulsa, OK, and collaborating with three renowned chefs to develop a comprehensive suite of content which we rolled out across AGA's social media channels through both paid and organic efforts.



Learning From Leaders

This campaign amplifies the voices of industry leaders and their stories and insight to audiences to create connections and drive awareness. In 2024, AGA showcased Nicole Kivisto, Kelcey Brown, Blue Jenkins, Sid McAnnally, Jerry Norcia, Tom Meissner, Rudy Garza, Seth Shapiro and Lenny Singh.

Making a Difference

This series highlights how utility employees make a difference every day across the industry. From founding nonprofits to heroic acts, these stories are used in the AGA blog and with local media to drive coverage of the critical work of utility employees in their communities.



With nearly 30 years at Piedmont Natural Gas, Otto McMillan's quick thinking and decisive actions have saved lives and prevented disasters. His most recent act of bravery earned him the American Gas Association's Meritorious Service Award at May's AGA Operations Conference.

Who We Are

Through our Employee Giving Program, AGA supported five organizations in 2024 including:

- So Others Might Eat
- Martha's Table
- Comfort Cases
- The National Humane Society
- Treats for Troops



2024 AGA Officers

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*Chairman and CEO, DTE Energy
Detroit, Michigan*

FIRST VICE CHAIR

Lloyd Yates

*President and CEO, NiSource Inc.
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SECOND VICE CHAIR

Sid McAnnally

*President and CEO, ONE Gas, Inc.
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Vice President, Security and Operations

Megan Dunn

Vice President, Talent Operations

Susan Forrester

Vice President, Advocacy and Outreach

Karen A. Harbert

President and CEO

Dan Lapato

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George Lowe

*Vice President, Governmental Affairs
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Andrew Lu

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