

Natural Gas Must be Part of the Solution

The Direct Use of Natural Gas in Homes and Businesses Will Help Communities Address Climate Change

With its growing domestic supply and safe, reliable and efficient delivery system reaching over 60 million homes and businesses in America, the direct use of natural gas is an important part of our country's energy future and a pathway to addressing climate change.

- While solar and wind technologies will help reduce emissions, the very nature of these intermittent resources requires investment in clean, reliable and readily available energy that keeps homes warm, heats water and allows cooking when the sun isn't shining or the wind isn't blowing.

Natural gas is three times more efficient than electricity, providing a low-cost clean energy source to families throughout the country without increasing greenhouse gas emissions.¹

- Energy-related carbon dioxide emissions have hit 25-year lows as a result of increased natural gas efficiency.²
- Over the last 40 years, residential natural gas customers have contributed to emission reductions.³
- Since 1970, gas utilities have added 30 million more residential customers with virtually no increases in emissions.

The direct use of natural gas in homes and businesses reduces demand for other, more carbon intensive forms of energy and results in net carbon emission reductions.

- Natural gas-fired water heaters reduce greenhouse gas emissions by one-half to two-thirds compared to electric resistance water heaters.

Although natural gas has and will continue to reduce global GHG emissions using current technologies, the industry continues to innovate ways to be even more efficient and sustainable.

- Recent innovations include using waste streams from landfills or agricultural sites and converting it to a usable energy source in residential and commercial applications.

Natural gas is an important part of our country's energy mix today and into the future. As we look to address climate change, natural gas should be viewed as part of the solution – not the problem.



Natural gas efficiency has helped lead to energy-related carbon dioxide emissions **HITTING 25-YEAR LOWS.**



Residential natural gas customers have led the nation in **REDUCING EMISSIONS FOR 40 YEARS.**



Gas utilities have added 30 million more residential customers with **VIRTUALLY NO INCREASES IN EMISSIONS.**



APGA advocates for legislative and regulatory policies that recognize the value of the direct use of natural gas in the overall strategy to reduce emissions and support its use as a **clean, reliable, affordable and plentiful domestic energy alternative with quantifiable benefits to the environment.**

¹International Gas Union, Natural Gas Is Efficient | ²American Gas Association, Implications of Policy-Driven Residential Electrification | ³American Gas Association, Implications of Policy-Driven Residential Electrification