

Natural Gas: Leading the Way to a Greener Energy Future



Natural gas is essential for a clean energy future.

It's a **reliable**, **efficient**, and **low-polluting** source of energy. Over the past 20 years the increased use of natural gas as a foundation fuel for U.S. energy generation has helped reduce greenhouse gas emissions in the power industry. Natural gas also is **affordable**, **abundant**, and **domestically sourced**, making it an ideal fuel for meeting our current and future energy needs.

Technological advancements in reducing methane emissions

The industry is continually investing in new technologies to reduce methane emissions, such as leak detection systems and improved well completion methods. The industry has also committed to a goal of a 50% reduction in methane emissions by 2025.



Supporting a resilient grid

Natural gas is a reliable energy source that can provide continual power during peak demand, quick ramping reserve power in high load conditions such as severe weather emergencies, and when renewable energy sources are not available, making it a vital component of a resilient grid.



Renewable Natural Gas (RNG) production is increasing

RNG is a sustainable energy source made from organic waste materials, and its production is expected to increase tenfold by 2040.

Responsible sourcing of natural gas

The industry is committed to sourcing natural gas responsibly and cleanly, including biogas or gas from agricultural waste.

Reducing carbon emissions

The natural gas industry is also investing in technologies that can capture and store carbon emissions, helping to reduce the industry's carbon footprint.



**CAROLINAS
NATURAL GAS
COALITION**



The natural gas industry is committed to reducing emissions and investing in new technologies to make natural gas even cleaner, greener, and more sustainable.

The share of natural gas-powered electricity generation has increased from **17% in 1990** to **43% in 2021**
(EIA data)

Over the same period Greenhouse Gas Emissions from electric power declined by **33%**
(EIA data)

By maintaining an integrated energy portfolio of natural gas along with growing renewable energy sources, we can ensure a more reliable and sustainable energy future.

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About CNGC

CNGC is a growing coalition of more than 80 industry allies who recognize the crucial role natural gas and its infrastructure must play in the evolving energy mix. We believe natural gas can accelerate the path to a clean energy future, while also ensuring reliable, affordable energy to fuel the economic growth and continued prosperity of NC and SC.

Learn more: [CarolinasGas.com](https://www.CarolinasGas.com)