

Building for Efficiency: Natural Gas is the Clear Choice for Affordable, Low-Emission Heating

Natural gas is a cost-effective, efficient and preferred option of homeowners.



A More Affordable Heating Option

Natural gas remains a more economical option for home heating and cooking in nearly every state.



For homeowners in a new natural gas home, annual energy costs are **\$1,132 less** than an equivalent all-electric home.



Natural gas has more consistent month-to-month energy costs compared to an equivalent all-electric home, offering homeowners further financial security.



Natural gas is cost effective. Between 2024 and 2050, electricity is projected to cost **3.4 times more** than natural gas for the same amount of energy delivered.



Consumers Choose Natural Gas

Consumers prefer natural gas over electric heat pumps by a ratio of **5 to 1** in moderate to cold climates. Homes without access to natural gas are more than twice as likely to rely on minimum efficiency electric resistance heating rather than a minimum efficiency heat pump, leading to higher costs and increased greenhouse gas emissions.

84%

of homeowners with natural gas access rely on it for energy

17%

An advanced all-gas home with a condensing natural gas furnace can reduce **15-year emissions by 17%** compared to an all-electric household.

40%

Efficient gas equipment is expected to **cut home greenhouse gas emissions by 40%** by 2040.

Lower Emissions in Many Climates

Natural gas is an affordable solution to decarbonization. An advanced natural gas home can match or exceed emissions reductions of an all-electric home with a cold climate heat pump, while saving thousands in lifetime costs.

Natural Gas Innovation Unlocks New Solutions

Innovative appliances like natural gas heat pumps reduce emissions **more cost-effectively** than all-electric homes. Renewable natural gas (RNG) provides an immediate, affordable solution and can offset nearly all emissions **at a fraction of the cost** of electrification.



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