Natural Gas in MARYLAND

FAST FACTS

A new natural gas home costs $318 less to operate compared to an electric equivalent.

Maryland adds more than 1 natural gas customer every hour.¹

The natural gas industry supports 38,300 jobs.²

CONSUMER TRENDS

Natural gas is used by³:

- 1.2 million households
- 78,590 commercial buildings including hospitals, schools and businesses
- 1,150 industrial users

Natural gas is the second most used source for electricity generation.⁴

ENERGY EFFICIENCY AND EMISSIONS

- CO₂ emissions across the state decreased 27% from 1990 to 2017.
- Between 1990 and 2017, Maryland saw a 57% decrease in known asthma and cancer-causing hazardous air pollutants, including CO, NH₃, NOX, PM-10 and -25, VOC and SO₂.⁵

Maryland’s Electricity Mix

- 31% - Natural Gas
- 23% - Coal
- 33% - Nuclear
- 2% - Other
- 3% - Solar
- 1% - Wind
- 1% - Oil
- 6% - Hydro
- 3% - Solar

Natural gas utilities spent more than $2.5 million on energy efficiency programs in 2017, including more than $1.7 million on residential programs.⁶
PRICE TRENDS

- The residential cost of electricity is $44.77 vs $12.15 for natural gas per MMBtu.
- The residential price of natural gas is 70% cheaper than the residential price of electricity.
- Natural gas prices have decreased in Residential, Commercial and Industrial sectors since 2005.\(^7\)

NATURAL GAS IN YOUR STATE

- Natural gas combined heat and power is utilized at 37 sites across Maryland, including for critical infrastructure.\(^9\)
  - Combined heat and power is the concurrent production of electricity or mechanical power and useful thermal energy (heating and/or cooling) from a single source of energy.
- There are more than 15,000 miles of natural gas pipeline in Maryland as of 2018.\(^10\)
- In Fiscal Year 2020, Maryland received $71 million in Low Income Home Energy Assistance Program (LIHEAP) funding.
  - LIHEAP is a federal block grant program that provides financial assistance to low and fixed-income individuals for fuel and utility bills, as well as low-cost weatherization and energy-related home repairs.

**IN THE BALTIMORE METRO AREA:**

- 41% of households rely on natural gas for heating.
- 43% of households rely on natural gas for water heating.
- 41% of households rely on natural gas for cooking.

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![Chart: Annual Cost to Operate a New Home]

1. https://www.eia.gov/naturalgas/annual/
3. https://www.eia.gov/naturalgas/annual/
4. https://www.eia.gov/electricity/data/browser/#/topic/0?agg=2,0,1&fuel=vtvv&geo=00000008&sec=g&start=2001&end=2019&ctype=linechart&ltype=pin&rtype=s&maptype=0&rses=0&pin=
7. https://www.eia.gov/dnav/ng_pri_sum_dcu_SMD_m.htm