



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

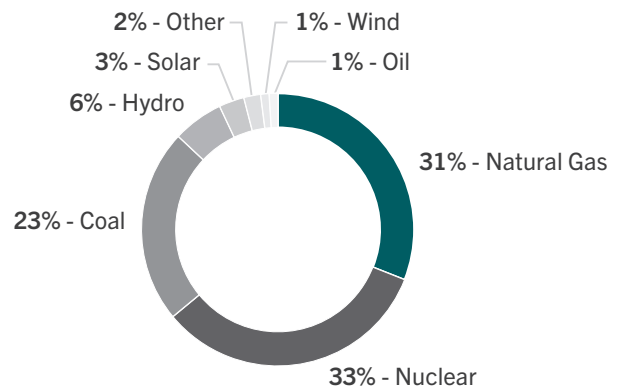
Natural gas is used by³:

- 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

Maryland's Electricity Mix



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



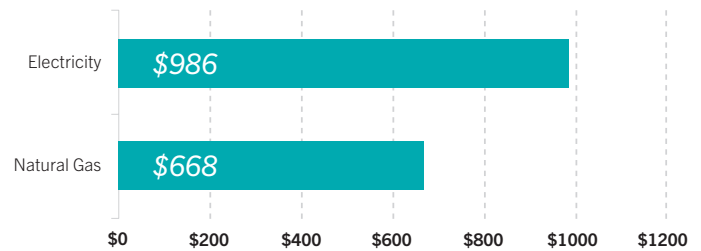
Natural gas utilities spent more than \$2.5 million on energy efficiency programs in 2017, including more than \$1.7 million on residential programs.⁶



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

Annual Cost to Operate a New Home⁸



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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1. <https://www.eia.gov/naturalgas/annual/>
2. <https://www.api.org/-/media/Files/Policy/Natural-Gas-Solutions/API-Natural-Gas-Impact-Report-50-States/Maryland-API-Natural-Gas-Industry-Impact-Report.pdf>
3. <https://www.eia.gov/naturalgas/annual/>
4. <https://www.eia.gov/electricity/data/browser/#/topic/0?agg=2,0,1&fuel=vtvw&geo=00000008&sec=g&freq=A&start=2001&end=2019&ctype=linechart&itype=pin&rtype=s&mappoint=0&rse=0&pin=>
5. <https://www.epa.gov/air-emissions-inventories/air-pollutant-emissions-trends-data>
6. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2017-program-year/>
7. https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SMD_m.htm
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