



Natural Gas in VIRGINIA

FAST FACTS



The residential price of natural gas is **33% cheaper** than the residential price of electricity.



Virginia adds **around 2 new natural gas customer every hour.**¹



The natural gas industry supports **73,200 jobs.**²



CONSUMER TRENDS

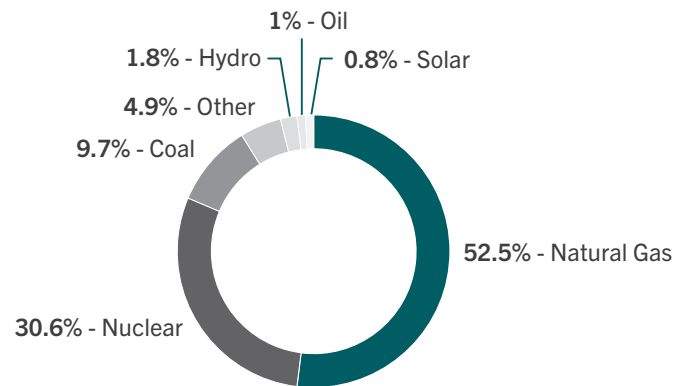
Natural gas is used by³:

- 1.25 million households
- 101,925 commercial buildings including hospitals, schools and businesses
- 925 industrial users



Natural gas generates 52.5% of electricity in the state.⁴

Virginia's Electricity Mix



ENERGY EFFICIENCY AND EMISSIONS

- Natural gas utilities spent more than **\$998,000** on energy efficiency programs in 2017, including more than **\$742,000** on residential programs.⁵
- Between 1990 and 2017, Virginia saw a **20% decrease** in known asthma and cancer-causing hazardous air pollutants, including CO, NH₃, NOX, PM-10 and -25, VOC and SO₂.⁶



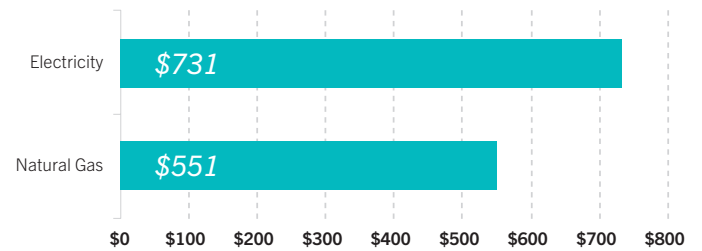
CO₂ emissions were reduced 9% across the state from 2010 to 2017.⁷



PRICE TRENDS

- The cost of electricity is **\$35.23 vs \$12.21** for natural gas per MMBtu.
- Natural gas prices since 2005 have **decreased 31%** on average in Residential, Commercial and Industrial sectors while electricity prices have increased.⁸

Annual Cost to Operate a New Home⁹



NATURAL GAS IN YOUR STATE

- There are more than 22,000 miles of natural gas pipeline in Virginia as of 2018.
- In Fiscal Year 2020, Virginia received more than \$84 million in Low Income Home Energy Assistance Program (LIHEAP) funding.¹⁰
 - 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.
- Dominion Energy partnered with Smithfield Foods to create Align Renewable Natural Gas. This innovative partnership will work to reduce methane emissions by capturing animal waste and making it into renewable natural gas (RNG) that can be used in residential and commercial pipelines.



IN THE VA-DC-MD METRO AREA:

- 46% of households rely on natural gas for heating.
- 50% of households rely on natural gas for water heating.
- 49% 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/Virginia-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=vtw&geo=00000001&sec=g&freq=A&start=2001&end=2019&ctype=linechart&itype=pin&rtype=s&pin=&rse=0&motype=0>
5. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2017-program-year/>
6. <https://www.epa.gov/air-emissions-inventories/air-pollutant-emissions-trends-data>
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