



Natural Gas in VERMONT

FAST FACTS



A new natural gas home costs about **half as much** a year to operate compared to an electric equivalent.¹



The Direct, Indirect, and Induced value of natural gas totaled more than **\$1 Billion** in 2015.²



The residential cost per MMBtu of natural gas is almost **4x cheaper** than the residential cost of electricity.



Natural gas generates **one-tenth** of Vermont's electricity.³



CONSUMER TRENDS

Natural gas is used by⁴:

- **46,372** households
- **5,968** commercial buildings including hospitals, schools and businesses



The natural gas industry in Vermont supports more than **4,000 jobs**.⁷



ENERGY EFFICIENCY AND EMISSIONS

- In 2016, Residential, Commercial and Industrial use of natural gas accounted for **only 6.7%** of total statewide greenhouse gas emissions.⁵
- Natural gas utilities spent more than **\$1.9 million** on residential energy efficiency programs in 2018.⁶
- Between 1990 and 2017, Vermont saw a **69% decrease** in known asthma and cancer-causing hazardous air pollutants, including CO, NH₃, NO_x, PM-10 and -25, VOC, SO₂.



A new natural gas home emits **3.4 metric tons of CO₂** compared to **5.6 metric tons** in a new electric home.



PRICE TRENDS

- The cost of natural gas per MMBtu is **\$13.66** vs **\$52.85** for electricity.
- Natural gas prices since 2010 have **dropped 38%** on average in Residential, Commercial and Industrial sectors while electricity prices have increased.⁸



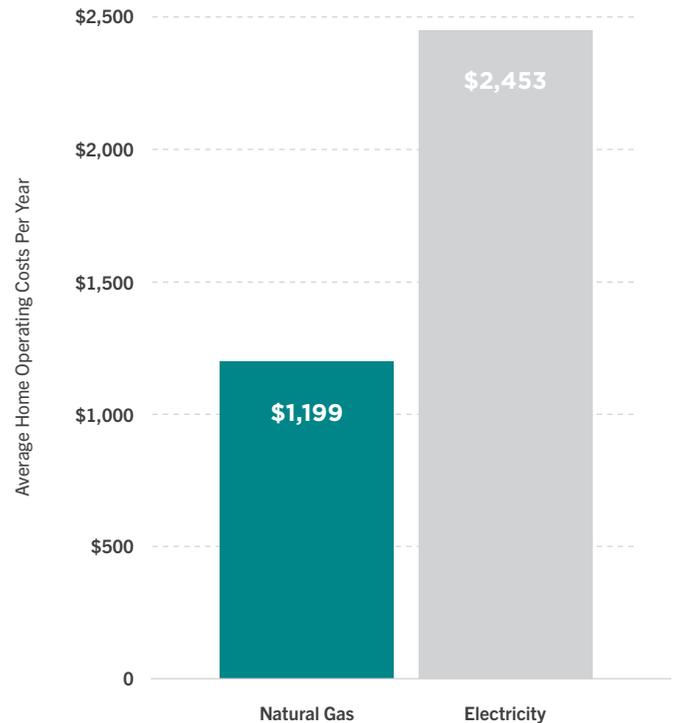
NATURAL GAS IN YOUR STATE

- Natural gas fuels **17%** of the state’s 35 combined heat and power (CHP) sites.⁹
 - CHP is the concurrent production of electricity or mechanical power and useful thermal energy (heating and/or cooling) from a single source of energy.
- In Fiscal Year 2020, Vermont received **\$18.5 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.



Annual Cost to Operate a New Home

Comparing Average Annual Operation Costs for New Homes in Vermont¹¹



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1. <http://epat.gastechnology.org/>
2. <https://www.api.org/-/media/Files/Policy/Natural-Gas-Solutions/API-Natural-Gas-Impact-Report-50-States/Vermont-API-Natural-Gas-Industry-Impact-Report.pdf>
3. <https://www.eia.gov/electricity/data/browser/#/topic/0?agg=2,0,1&fuel=vtv&geo=0008&sec=g&freq=A&start=2001&end=2020&ctype=linechart<ype=pin&rtype=s&maptype=0&rse=0&pin=>
4. <https://www.eia.gov/naturalgas/annual/>
5. <https://www.eia.gov/environment/emissions/state/>
6. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2018-program-year/>
7. <https://www.api.org/news-policy-and-issues/natural-gas-solutions/benefits-natural-gas-use>
8. https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SVT_m.htm
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