Natural Gas in VERMONT

FAST FACTS

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

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 by:
• 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, NOX, PM-10 and -25, VOC, SO₂.

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

The residential cost about half as much a year to operate compared to an electric equivalent.¹

Natural gas generates one-tenth of Vermont’s electricity.³
1. 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.
2. 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.

1. http://epat.gastechnology.org/
3. https://www.eia.gov/electricity/data/browser/#/topic/0?agg=2,0,1&fuel=vtvv&geo=0008&sec=g&freq=A&start=2001&end=2020&ctype=linechart&ltype=pin&rtype=s&maptype=0&rse=0&pin=
4. https://www.eia.gov/naturalgas/annual/
5. https://www.eia.gov/environment/emissions/state/
8. https://www.eia.gov/dnav/ngpri_sum_dcu_SVT_m.htm
11. http://epat.gastechnology.org/