



Natural Gas in MICHIGAN

FAST FACTS



A new natural gas home costs **\$1,034 less to operate** compared to an electric equivalent.



Michigan adds about **2 natural gas customers every hour**.¹



The residential price of natural gas is **84% cheaper** than the residential price of electricity.



There are more than **67,000 miles** of natural gas pipeline in Michigan as of 2018.



CONSUMER TRENDS

Natural gas is used by²:

- 3.3 million households
- 258,150 commercial buildings including hospitals, schools and businesses
- 7,075 industrial users



Natural gas generates almost one-third of electricity in the state.³



ENERGY EFFICIENCY AND EMISSIONS

- CO₂ emissions **reduced 16%** across the state from 1990 to 2017.⁴
- Between 1990 and 2017, Michigan saw a **55% decrease** in known asthma and cancer-causing hazardous air pollutants, including CO, NH₃, NOX, PM-10 and -25, VOC and SO₂.⁵



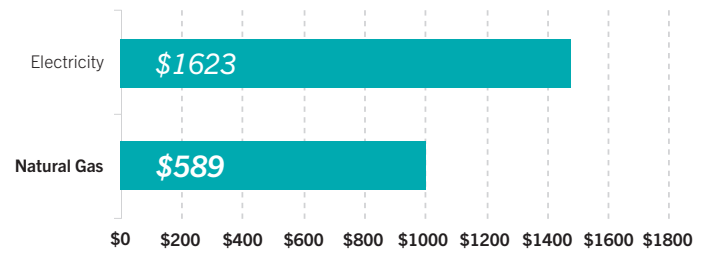
Natural gas utilities spent more than **\$89 million on energy efficiency programs in 2017, including more than \$13 million on programs for low-income households**.⁶



PRICE TRENDS

- The cost of electricity is **\$46.40 vs \$7.83** for natural gas per MMBtu.
- 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

- The natural gas industry supports 17,400 jobs.⁹
- Natural gas combined heat and power is utilized at 52 sites across Michigan.¹⁰
 - 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.
- In Fiscal Year 2020, Michigan received \$46 million in Low Income Home Energy Assistance Program (LIHEAP) funding.¹¹
 - 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 DETROIT METRO AREA:

- **84%** of households rely on natural gas for heating.
- **83%** of households rely on natural gas for water heating.
- **51%** of households rely on natural gas for cooking.

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