



Natural Gas in **MINNESOTA**

FAST FACTS



A new natural gas home costs **\$1,206 less to operate** compared to an electric equivalent.



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



The natural gas industry supports **61,100 jobs.**²



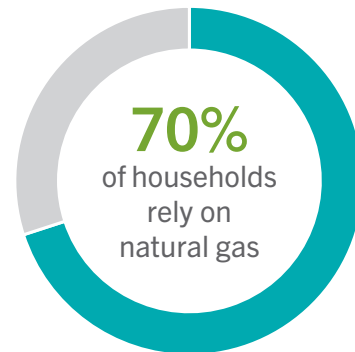
CONSUMER TRENDS

Natural gas is used by³:

- 1.5 million households
- 140,880 commercial buildings including hospitals, schools, and businesses
- 2,160 industrial users



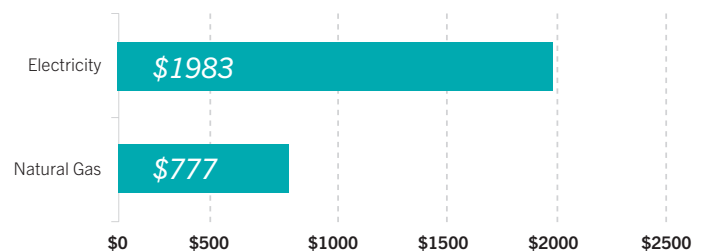
Natural gas generates 13.9% of the state's electricity.⁴



PRICE TRENDS

- The cost of electricity is **\$45.28 vs \$8.39** for natural gas per MMBtu.
- The residential price of natural gas is **80% cheaper** than the residential price of electricity.
- Natural gas prices have **decreased** in Residential, Commercial, and Industrial sectors since 2005.⁵

Annual Cost to Operate a New Home⁶





ENERGY EFFICIENCY AND EMISSIONS

- Natural gas utilities spent more than \$45 million on energy efficiency programs in 2017, including more than \$4 million on programs for low-income households.⁷
- Between 1990 and 2017, Minnesota saw a **55% decrease** in known asthma and cancer-causing hazardous air pollutants, including CO, NH₃, NOX, PM-10 and -25, VOC and SO₂.⁸



A new gas home emits **25% less greenhouse gases** than a new all-electric home.



NATURAL GAS IN YOUR STATE

- Natural gas combined heat and power is utilized at 17 sites across Minnesota.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.
- There are more than 35,000 miles of natural gas pipeline in Minnesota as of 2018.
- In Fiscal Year 2020, Minnesota received \$105.7 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 MINNEAPOLIS-ST. PAUL 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.

TO LEARN MORE VISIT:

www.aga.org or connect with us on:

- **Twitter** @AGA_naturalgas
- **Facebook.com/naturalgas**
- **Instagram** @aga_natgas

1. <https://www.eia.gov/naturalgas/annual/>

2. <https://www.epa.gov/-/media/Files/Policy/Natural-Gas-Solutions/API-Natural-Gas-Impact-Report-50-States/Minnesota-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=vtvv&geo=g00004&sec=g&freq=M&start=200101&end=202001&ctype=linechart<ype=pin&rtype=s&motype=0&rse=0&pin=>

5. <http://epat.gastechnology.org/>

6. <https://doe.icfwebservices.com/chpdb/state/MN>

7. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2017-program-year/>

8. <https://www.epa.gov/air-emissions-inventories/air-pollutant-emissions-trends-data>

9. <https://www.pca.state.mn.us/air/greenhouse-gas-emissions-data>

10. https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SMN_m.htm

11. https://www.acf.hhs.gov/sites/default/files/ocs/corr_liheap_crfundingdclattachment_1_fy2020.pdf