



Natural Gas in NEW JERSEY

FAST FACTS



A new natural gas home **costs \$763 less to operate** compared to an electric equivalent.



New Jersey adds about **three natural gas customers every hour.**¹



The natural gas industry supports **79,800 jobs.**²



CONSUMER TRENDS

Natural gas is used by³:

- 2.8 million households
- 246,100 commercial buildings including hospitals, schools and businesses
- 6,975 industrial users



The majority of electricity in the state is generated by natural gas.⁴

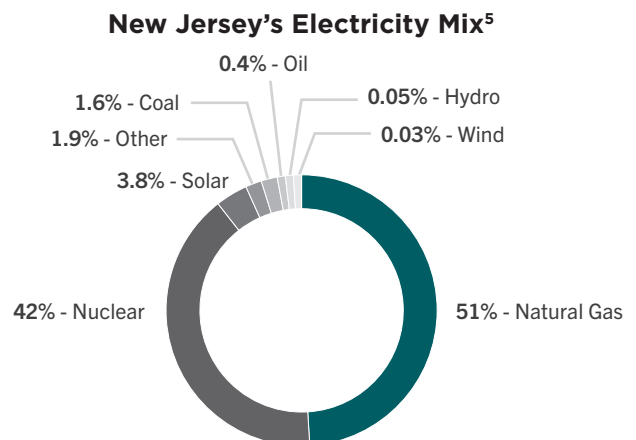


ENERGY EFFICIENCY AND EMISSIONS

- In 2018, natural gas transmissions and distribution only accounted for 2.6% of total greenhouse gas emissions.⁶
- Between 1990 and 2018, New Jersey saw a **51% decrease** in known asthma and cancer-causing hazardous air pollutants, including CO, NH₃, NOX, PM-10 and -25, VOC and SO₂.⁷
- CO₂ emissions were **reduced 16%** across the state between 1990 and 2017.⁸



Natural gas utilities spent more than \$102 million on energy efficiency programs in 2017, including more than \$17 million on programs for low-income households.⁹

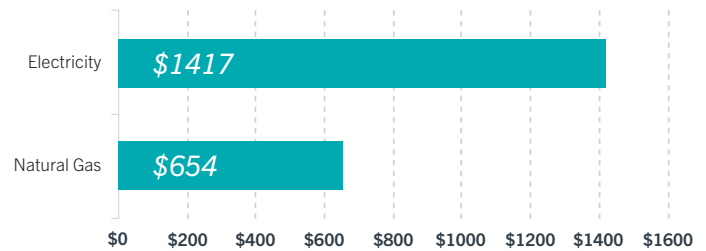




PRICE TRENDS

- The cost of electricity is **\$46.51 vs \$9.49** for natural gas per MMBtu.
- The residential price of natural gas is **78% cheaper** than the residential price of electricity.
- Natural gas prices have **decreased** in Residential, Commercial and Industrial sectors since 2005.¹⁰

Annual Cost to Operate a New Home¹¹



NATURAL GAS IN YOUR STATE

- Natural gas combined heat and power is utilized at 257 sites across New Jersey.¹²
 - 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 New Jersey as of 2018.
- In Fiscal Year 2020, New Jersey received \$108 million in Low Income Home Energy Assistance Program (LIHEAP) funding.¹³
 - 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 NORTHERN NEW JERSEY METRO AREA:

- **73%** of households rely on natural gas for heating.
- **77%** of households rely on natural gas for water heating.
- **76%** of households rely on natural gas for cooking.

TO LEARN MORE VISIT:

www.aga.org or connect with us on:

AGA_naturalgas

naturalgas

aga_natgas

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/New-Jersey-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=0004&sec=g&freq=M&start=200101&end=202001&ctype=linechart<ype=pin&rtype=s&mapttype=0&rse=0&pin=>
5. <https://www.eia.gov/beta/states/states/nj/overview>
6. https://www.nj.gov/dep/aqes/pdf/GHG%20Inventory%20Update%20Report%202018_Final.pdf
7. <https://www.epa.gov/air-emissions-inventories/air-pollutant-emissions-trends-data>
8. <https://www.eia.gov/environment/emissions/state/>
9. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2017-program-year/>
10. https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SNJ_m.htm
11. <http://epat.gastechnology.org/>
12. <https://doe.icfwebservices.com/chpdb/state/NJ>
13. https://www.acf.hhs.gov/sites/default/files/ocs/corr_liheap_crfundingdclattachment_1_fy2020.pdf