Natural Gas in PENNSYLVANIA

FAST FACTS

The natural gas industry supports 178,420 jobs.\(^1\)

The residential price of natural gas is **72% cheaper** than the residential price of electricity.

The annual energy costs for a new electric home are almost **double** the cost for a new natural gas home.\(^2\)

CONSUMER TRENDS

Natural gas is used by:\(^3\)

- 2.8 million households
- 242,200 commercial buildings including hospitals, schools and businesses
- 3,030 industrial users

Natural gas generates a majority of the state’s electricity.\(^4\)

PRICE TRENDS

- Natural gas prices **dropped 24% from 2005–2018** in Residential, Commercial and Industrial sectors while electricity prices increased.\(^5\)
- The residential price of electricity ranks **14th most expensive** in the country.\(^6\)

**Residential Cost per MMBtu\(^7\)**

<table>
<thead>
<tr>
<th></th>
<th>Electricity</th>
<th>Natural Gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>$47.39</td>
<td>$10.86</td>
</tr>
</tbody>
</table>

**Annual Energy Costs for a New Home\(^8\)**

<table>
<thead>
<tr>
<th></th>
<th>Electricity</th>
<th>Natural Gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0</td>
<td>$1,157</td>
<td>$668</td>
</tr>
</tbody>
</table>
ENERGY EFFICIENCY AND EMISSIONS

- Since 1990, Pennsylvania has seen a 79% decrease in known air pollutants, including CO, NH₃, NOX, PM-10 and -25, VOC and SO₂.⁹
- In 2015, natural gas transmission and distribution accounted for only 1.7% of total greenhouse gas emissions in the state.¹¹

NATURAL GAS IN YOUR STATE

- Natural gas fuels 51% of the state’s combined heat and power sites, including critical infrastructure.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.
- In Fiscal Year 2020, Pennsylvania received $200.4 million in Low Income Home Energy Assistance Program (LIHEAP) funding, including tribal set-asides.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.

Natural gas utilities spent more than $15 million on energy efficiency programs for low-income households.¹⁰

There are more than 50,974 miles of natural gas pipelines in Pennsylvania as of 2018.

TO LEARN MORE VISIT:
www.aga.org or connect with us on:
AGA_naturalgas
naturalgas
aga_natgas

---

3. https://www.eia.gov/naturalgas/annual/
5. https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SPA_m.htm
6. https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SPA_m.htm
11. https://www.eia.gov/environment/emissions/state/