



# Natural Gas in PENNSYLVANIA

## FAST FACTS



The natural gas industry supports **178,420 jobs**.<sup>1</sup>



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.<sup>2</sup>



## CONSUMER TRENDS

Natural gas is used by:<sup>3</sup>

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



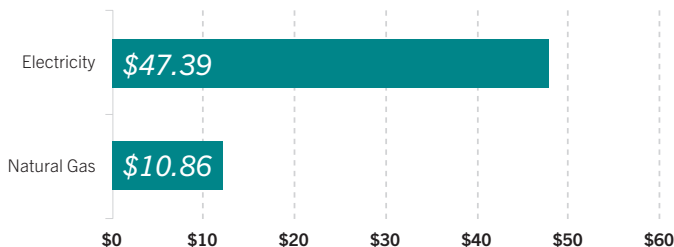
**Natural gas generates a majority of the state's electricity.**<sup>4</sup>



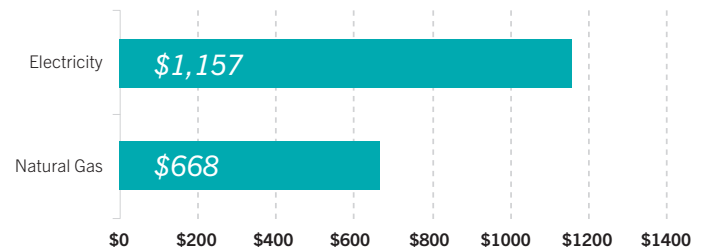
## PRICE TRENDS

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

**Residential Cost per MMBtu<sup>7</sup>**



**Annual Energy Costs for a New Home<sup>8</sup>**





## ENERGY EFFICIENCY AND EMISSIONS

- Since 1990, Pennsylvania has seen a **79% decrease** in known air pollutants, including CO, NH<sub>3</sub>, NOX, PM-10 and -25, VOC and SO<sub>2</sub>.<sup>9</sup>
- In 2015, natural gas transmission and distribution accounted for only 1.7% of total greenhouse gas emissions in the state.<sup>11</sup>



Natural gas utilities spent more than **\$15 million** on energy efficiency programs for low-income households.<sup>10</sup>



## NATURAL GAS IN YOUR STATE


- Natural gas fuels 51% of the state's combined heat and power sites, including critical infrastructure.<sup>12</sup>
  - 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.<sup>13</sup>
  - 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.




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

### TO LEARN MORE VISIT:

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1. <https://www.epa.gov/media/Files/Policy/Natural-Gas-Solutions/API-Natural-Gas-Impact-Report-50-States/Illinois-API-Natural-Gas-Industry-Impact-Report.pdf>  
 2. <http://epat.gastechnology.org/>  
 3. <https://www.eia.gov/naturalgas/annual/>  
 4. <https://www.eia.gov/beta/states/states/il/overview>  
 5. [https://www.eia.gov/dnav/ng/ng\\_pri\\_sum\\_dcu\\_SPA\\_m.htm](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](https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SPA_m.htm)  
 7. <http://epat.gastechnology.org/>  
 8. <http://epat.gastechnology.org/>  
 9. <https://www.epa.gov/air-emissions-inventories/air-pollutant-emissions-trends-data>  
 10. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2018-program-year/>  
 11. <https://www.eia.gov/environment/emissions/state/>  
 12. <https://doe.icfwebservices.com/chpdb/state/PA>  
 13. [https://www.acf.hhs.gov/sites/default/files/ocs/corr\\_liheap\\_crfundingdclattachment\\_1\\_fy2020.pdf](https://www.acf.hhs.gov/sites/default/files/ocs/corr_liheap_crfundingdclattachment_1_fy2020.pdf)