



# Natural Gas in KENTUCKY

## FAST FACTS



The natural gas industry supports **56,450 jobs**.<sup>1</sup>



A new all-electric home emits **almost 50% more CO<sub>2</sub>** than a new natural gas home.



The residential price of natural gas is **one-third** the residential price of electricity.



## CONSUMER TRENDS

Natural gas is used by<sup>2</sup>:

- 774,000 households
- 86,760 commercial buildings including hospitals, schools and businesses
- 2,215 industrial users



Natural gas generates almost **one-fifth** of the state's electricity.<sup>3</sup>



## ENERGY EFFICIENCY AND EMISSIONS

- CO<sub>2</sub> emissions **dropped 24%** from 2010 to 2017.<sup>4</sup>
- Between 1990 and 2017, Kentucky saw a **58% decrease** in known asthma and cancer-causing hazardous air pollutants, including CO, NH<sub>3</sub>, NOX, PM-10 and -25, VOC and SO<sub>2</sub>.<sup>5</sup>
- Natural gas utilities spent more than **\$780,000** on energy efficiency programs in 2017, including more than **\$550,000** on residential programs.<sup>6</sup>

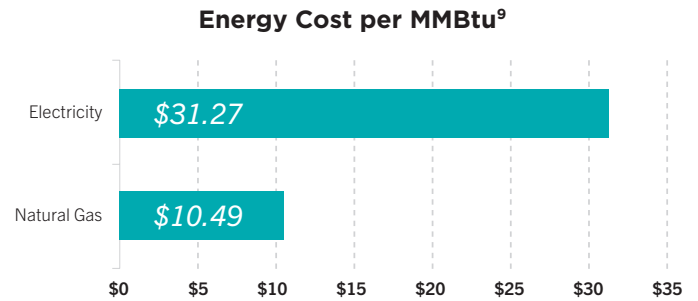
### CO<sub>2</sub> Emissions from a New Home<sup>7</sup>





## PRICE TRENDS

- Natural gas prices since 2005 have **dropped 40%** on average in, Commercial and Industrial sectors while electricity prices increased.<sup>8</sup>
- The residential price of natural gas is **one-third** the residential price of electricity.



## NATURAL GAS IN YOUR STATE

- There are more than 24,000 miles of natural gas pipeline in Kentucky as of 2018.
- In Fiscal Year 2020, Kentucky received \$50.3 million in Low Income Home Energy Assistance Program (LIHEAP) funding.<sup>10</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.



### IN THE LOUISVILLE METRO AREA:

- 52% of households rely on natural gas for heating.
- 52% of households rely on natural gas for water heating.
- 20% of households rely on natural gas for cooking.

### TO LEARN MORE VISIT:

[www.aga.org](http://www.aga.org) or connect with us on:

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1. <https://www.api.org/~media/Files/Policy/Natural-Gas-Solutions/API-Natural-Gas-Impact-Report-50-States/Kentucky-API-Natural-Gas-Industry-Impact-Report.pdf>
2. <https://www.eia.gov/naturalgas/annual/>
3. <https://www.eia.gov/electricity/data/browser/#/topic/0?agg=2,0,1&fuel=vtvw&geo=000000004&sec=g&freq=A&start=2001&end=2019&ctype=linechart&ltype=pin&rtype=s&maptype=0&rse=0&pin=>
4. <https://www.epa.gov/statelocalenergy/state-co2-emissions-fossil-fuel-combustion>
5. <https://www.epa.gov/air-emissions-inventories/air-pollutant-emissions-trends-data>
6. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2017-program-year/>
7. <http://epat.gastechnology.org/>
8. [https://www.eia.gov/dnav/ng/ng\\_pri\\_sum\\_dcu\\_SKY\\_m.htm](https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SKY_m.htm)
9. <http://epat.gastechnology.org/>
10. [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)