



# Natural Gas in NORTH CAROLINA

## FAST FACTS



North Carolina adds **around 3 new natural gas customer every hour.**<sup>1</sup>



The natural gas industry supports **112,800 jobs.**<sup>2</sup>



In 2015, natural gas transmission and distribution represented **less than 1%** of total statewide emissions.<sup>3</sup>



## CONSUMER TRENDS

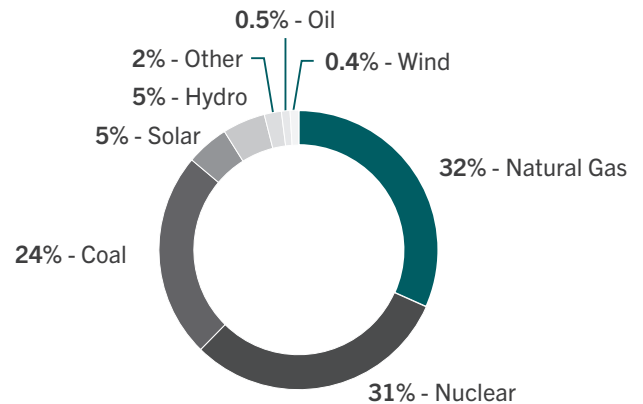
Natural gas is used by<sup>3</sup>:

- 1.3 million households
- 126,540 commercial buildings including hospitals, schools and businesses
- 2,670 industrial users



**Natural gas generates 32% of the state's electricity.**<sup>4</sup>

## North Carolina's Electricity Mix



## ENERGY EFFICIENCY AND EMISSIONS

- CO<sub>2</sub> emissions **decreased 19%** from 2010 to 2017.<sup>6</sup>
- Between 1990 and 2017, North Carolina saw a **47% 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>7</sup>



**Natural gas utilities spent more than \$1.2 million on energy efficiency programs in 2017, including more than \$899,000 on residential programs.**<sup>8</sup>



## PRICE TRENDS

- The cost of natural gas is nearly **3 times cheaper** than the cost of electricity at **\$11.69 vs. \$33.91** per MMBtu.
- Natural gas prices since 2005 have **dropped 25%** on average in Residential, Commercial and Industrial sectors, while electricity prices increased.<sup>9</sup>



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



## NATURAL GAS IN YOUR STATE

- There are more than 35,000 miles of natural gas pipeline in North Carolina as of 2018.
- In Fiscal Year 2020, North Carolina received more than \$93 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 RALEIGH METRO AREA:

- 149,000 households rely on natural gas for heating.
- 142,000 households rely on natural gas for water heating.
- 72,000 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.eia.gov/naturalgas/annual/>
2. <https://www.api.org/~media/Files/Policy/Natural-Gas-Solutions/API-Natural-Gas-Impact-Report-50-States/North-Caroline-API-Natural-Gas-Industry-Impact-Report.pdf>
3. <https://files.nc.gov/ncdeq/climate-change/ghg-inventory/GHG-Inventory-Report-FINAL.pdf>
4. <https://www.eia.gov/electricity/data/browser/#/topic/0?agg=2,0,1&fuel=vtvw&geo=00000004&sec=g&freq=A&start=2001&end=2019&ctype=linechart&itype=pin&rtype=s&pin=&rse=0&mctype=0>
5. <https://www.eia.gov/naturalgas/annual/>
6. <https://www.epa.gov/statelocalenergy/state-co2-emissions-fossil-fuel-combustion>
7. <https://www.epa.gov/air-emissions-inventories/air-pollutant-emissions-trends-data>
8. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2017-program-year/>
9. [https://www.eia.gov/dnav/ng/ng\\_pri\\_sum\\_dcu\\_SNC\\_m.htm](https://www.eia.gov/dnav/ng/ng_pri_sum_dcu_SNC_m.htm)
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)