



Natural Gas in SOUTH CAROLINA

FAST FACTS



South Carolina adds **more than 1 natural gas customer every hour.**¹



The natural gas industry supports **58,800 jobs.**²



CO₂ emissions across the state decreased **17% from 1990 to 2017.**³



CONSUMER TRENDS

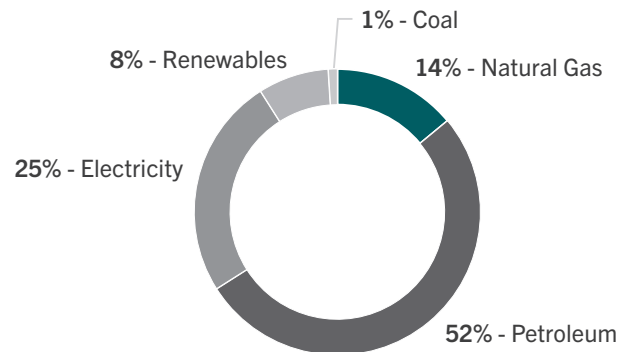
Natural gas is used by⁴:

- 669,000 households
- 58,400 commercial buildings including hospitals, schools and businesses
- 1,150 industrial users



Natural gas generates 22% of the state's electricity.

South Carolina End-use Energy Consumption⁵



ENERGY EFFICIENCY AND EMISSIONS

- South Carolina's major power plants reduced their carbon dioxide emissions by 7% in 2015.⁶
- Between 1990 and 2017, South Carolina saw a 33% decrease in known asthma and cancer-causing hazardous air pollutants, including CO, NH₃, NOX, PM-10 and -25, VOC and SO₂.⁷



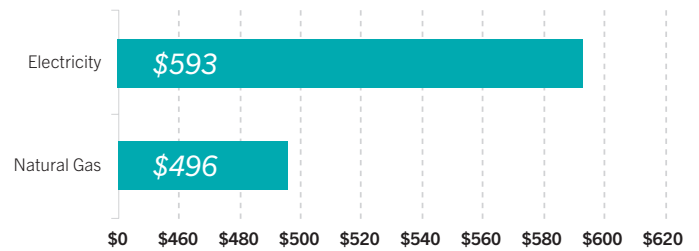
Natural gas utilities spent more than \$348,000 on energy efficiency programs in 2017, including more than \$80,000 on programs for low-income households.⁸



PRICE TRENDS

- The cost of electricity is **\$37.43 vs \$13.06** for natural gas per MMBtu.
- The residential price of natural gas is **72% cheaper** than the residential price of electricity.
- Natural gas prices have **decreased** in Residential, Commercial and Industrial sectors since 2005.⁹

Annual Cost to Operate a New Home¹⁰



NATURAL GAS IN YOUR STATE

- There are more than 25,000 miles of natural gas pipeline in South Carolina as of 2018.
- In Fiscal Year 2020, South Carolina received \$42.7 million in Low Income Home Energy Assistance Program (LIHEAP) funding.¹¹
 - 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 CHARLOTTE METRO AREA:

- 48% of households rely on natural gas for heating.
- 42% of households rely on natural gas for water heating.

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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/South-Carolina-API-Natural-Gas-Industry-Impact-Report.pdf>
3. <https://www.eia.gov/environment/emissions/state/>
4. <https://www.eia.gov/naturalgas/annual/>
5. <https://www.eia.gov/beta/states/states/nj/overview>
6. https://www.postandcourier.com/news/a-little-less-gas-in-the-greenhouse-s-c-industries/article_294777e8-bc8f-11e6-8b3e-17d13f323815.html
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_ssc_m.htm
10. <http://epat.gastechnology.org/>
11. <https://doe.icfwebservices.com/chpdb/state/SC>