



# Natural Gas in CALIFORNIA

## FAST FACTS



The natural gas industry supports **378,589 jobs**.<sup>1</sup>



The residential price of natural gas is **78% cheaper** than the residential price of electricity.



California adds **about 7 new natural gas customers every hour**.<sup>2</sup>



## ENERGY EFFICIENCY AND EMISSIONS

- Since 1990, California has seen a **58% decrease** in known air pollutants, including CO, NH<sub>3</sub>, NOX, PM-10 and -25, VOC and SO<sub>2</sub>.<sup>5</sup>
- In 2017, natural gas transmission and distribution accounted for only 1% of total greenhouse gas emissions in the state.<sup>7</sup>



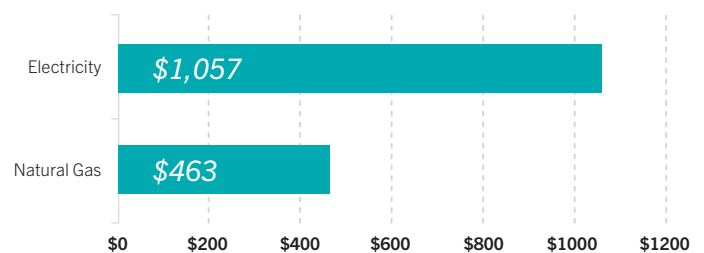
Natural gas utilities spent more than **\$150 million** on energy efficiency programs for low-income households and more than **\$61 million** on residential energy efficiency programs.<sup>6</sup>



## PRICE TRENDS

- The residential cost of natural gas is **5 times cheaper** than the cost of electricity cost at **\$12.86 vs. \$65.58** per MMBtu.<sup>8</sup>
- The residential price of electricity ranks **sixth most expensive** in the country.<sup>9</sup>

Annual Energy Costs for a New Home<sup>10</sup>





## CONSUMER TRENDS

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

- 11 million households
- 445,400 commercial buildings including hospitals, schools and businesses
- 36,060 industrial users



## IN THE LOS ANGELES METRO AREA:

- 62% of households rely on natural gas for home heating.
- 87% of households rely on natural gas for water heating.
- 80% of households rely on natural gas for cooking.



## NATURAL GAS IN YOUR STATE

- There are more than 118,824 miles of natural gas pipelines in California as of 2018.<sup>11</sup>
- Natural gas fuels 83% 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, California received \$204.4 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.




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

## 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/California-API-Natural-Gas-Industry-Impact-Report.pdf>

2. <https://www.eia.gov/naturalgas/annual/>

3. <https://www.eia.gov/naturalgas/annual/>

4. <https://www.eia.gov/electricity/data/browser/#/topic/0?agg=2,0,1&fuel=vtvw&geo=0000000000004&sec=g&freq=A&start=2001&end=2019&ctype=linechart&ltype=pin&rtype=s&pin=&rse=0&maptype=0>

5. <https://www.epa.gov/air-emissions-inventories/air-pollutant-emissions-trends-data>

6. <https://www.aga.org/research/reports/natural-gas-efficiency-programs-2018-program-year/>

7. <https://www.eia.gov/environment/emissions/state/>

8. <http://epat.gastechnology.org/>

9. <https://www.eia.gov/state/rankings/?sid=CA#series/31>

10. <http://epat.gastechnology.org/>

11. <https://www.aga.org/contentassets/71fe352cf6fa4291a29be724ab0622b8/table5-3.pdf>

12. <https://doe.icfwebservices.com/chpdb/state/CA>

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)