Drive Fleets Forward

with Renewable Natural Gas

Affordable and proven natural gas vehicle technology fueled with **biomethane (RNG)** collected at local landfills, wastewater treatment plants, commercial food waste facilities, and agricultural digesters can yield a **carbon-negative** lifecycle emissions result.

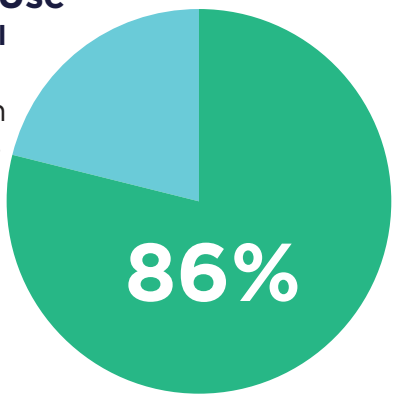
Note: California Air Resources Board (CARB), LCFS Pathway Certified Carbon Intensities.

RNG Growth

2024 NGV Fuel Use

774 Million GGE Total

In 2024, **86%** of all on-road fuel used in natural gas vehicles was RNG.



- Conventional Natural Gas **108 Million GGE**
- Renewable Natural Gas **666 Million GGE**

RNG Production Facilities

505 in operation

153 under construction

293 in development

Note: in U.S. and Canada as of 6/2025

RNG use as a transportation fuel grew **26% over 2023** volumes, increasing **93%** over the last five years. RNG offset a total of **10.28 million tons** of CO2e in 2024.

Note: GGE = gasoline gallon equivalent. EGE = ethanol gallon equivalent. EGE units are converted to GGE using a 0.69 multiplier (77,000 Btu/112,400 Btu). Total Natural Gas in Transportation Figure derived from U.S. EIA's Annual Energy Outlook and RNG numbers derived from U.S. EPA RFS Reporting. Total greenhouse gas emissions and associated carbon dioxide equivalent (CO2e) metric tons identified using average carbon intensity (CI) scores of RNG sold in California and fuel sold nationally. Based on data available at the time of publication, California volumes accounted for 37.58 percent of all RNG use with the remainder sold outside of California.

CARB LCFS program data confirms that annual average CI value of California bio-CNG vehicle fuel portfolio for 2024 was carbon negative and below zero at -194.13 gCO_2e/MJ.

Note: California Air Resources Board Low Carbon Fuel Standard Program Certified Fuel Pathways

Put into Perspective, Last Year RNG as a Transportation Fuel ...

Lowered GHG emissions equivalent to **26,178,632,256** miles driven by the average passenger car

Reduced CO_2 emissions equal to **1,156,745,808** gallons of gasoline consumed

Sequestered carbon equal to growing **169,980,684** tree seedlings for ten years

or **10,311,447** acres of U.S. forests for one year

Note: Assumes 10,280,0006 metric tons of CO2e eliminated in 2024 through RNG usage calculated using CARB's LCFS carbon intensity numbers. GHG equivalency calculated using the U.S. EPA's calculator.

This 2024 on-road RNG use report was issued by The Transport Project and the Coalition for Renewable Natural Gas, June 2025.
Find out more at **RNGCoalition.com** or **transportproject.org**.

RNG COALITION

THE TRANSPORT PROJECT