

U.S. Department of Energy - Energy Efficiency and Renewable Energy Alternative Fuels Data Center

Natural Gas

Natural gas is domestically produced and readily available to end-users through the utility infrastructure. It is also clean burning and produces significantly fewer harmful emissions than reformulated gasoline or diesel when used in [natural gas vehicles](#). In addition, commercially available medium- and heavy-duty natural gas engines have demonstrated over 90% reductions of carbon monoxide (CO) and particulate matter and more than 50% reduction in nitrogen oxides (NO_x) relative to commercial diesel engines. Natural gas can either be stored onboard a vehicle as compressed natural gas (CNG) at 3,000 or 3,600 psi or as liquefied natural gas (LNG) at typically 20-150 psi. Natural gas can also be blended with hydrogen; for more information on CNG/hydrogen blends, please see our site on [fuel blends](#).



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For more information go to the [Natural Gas Vehicle Coalition's](#) Web site or the [Natural Gas Vehicle Technology Forum](#).

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