

NATURAL GAS VEHICLES PROVIDE

# AMERICAN CITIES

WITH A SOLUTION



IT'S POSSIBLE **WITH NATURAL GAS VEHICLES**

Natural gas vehicles provide America's cities with a solution for their two biggest problems today: budget deficits and poor air quality. Using natural gas vehicles will not only save cities thousands on fuel costs – but will also lower emissions and dramatically improve air quality.

## THE LOW-EMISSION CLEAN-ENERGY ALTERNATIVE

- Converting one refuse truck from diesel to natural gas is the equivalent of taking 325 cars off the road in terms of pollution reduction.<sup>1</sup>
- Today's buses have 2010-compliant, low-emission natural gas engines, which produce only one-sixth the smog-inducing NO<sub>x</sub> that the latest "clean diesel" buses produce.<sup>2</sup>
- Natural gas buses demonstrate diesel-like performance, with a 90% reduction in noise. They emit significantly fewer pollutants than diesel buses at 40% to 86% less particulate matter and 38% to 58% less NO<sub>x</sub>. Moreover, production of natural gas avoids the pollution risks associated with the manufacture of diesel – such as crude oil spills, releases of toxic pollutants from refineries and leaks from underground tanks into groundwater.<sup>3</sup>

1. NGV America 2. NGV America 3. U.S. Department of Energy

*"The combination of much lower fuel cost, lower maintenance cost and federal – and, in some cases, state – economic incentives, translates into a very favorable rate of return for fleets. For example, a trash truck, which uses 7,500 to 10,000 gallons of fuel per year, could recover its investment in less than 2.5 years, and see a net life-cycle savings of up to \$80,000."*

– RICH KOLODZIEJ, NGV AMERICA PRESIDENT

*"We use CNG for a number of reasons. First of all, we want vehicles that are safe and perform as well as traditional vehicles. Secondly, we want the lowest emissions possible, and finally, we want a secure, domestically produced fuel that will be affordable over the long haul and offer price stability, to get us off the roller coaster of petroleum fuels. For us, the move to CNG has proven to be a good choice."*

– SAM SWEARNGIN, FLEET ADMINISTRATOR FOR KANSAS CITY

## THE NGV REVOLUTION IS ALREADY UNDER WAY

- Today, more than 10,000 transit buses in the U.S. are natural gas powered and the market is growing; nearly one in five new transit buses on order is specified to be natural gas powered.<sup>4</sup>
- Los Angeles has 2,800 natural gas buses in operation today, and Boston, Dallas, Phoenix, and Washington, D.C. also have significant NGV fleets. California, home to the nation's two largest ports – Los Angeles and Long Beach – already has a program to replace diesel fuel with natural gas for its cargo-handling vehicles

4. Senate EPW Committee  
5. NGV America

## HELPING CITY BUDGETS WHEN AMERICA NEEDS IT MOST

- From 2010-2012, American cities will face a combined budget shortfall of \$56 billion, forcing 91% to make budget cuts. Of those budget cuts, 67% of cities say they will lay off employees, 62% will delay or cancel infrastructure projects, and 14% will cut back public safety spending.<sup>6</sup>
- When compared to a "clean" diesel transit bus over a typical 12-year life cycle, a natural gas transit bus can save a city \$228,000 more per bus.<sup>7</sup>

6. National League of Cities  
7. NGV America

**TAKE ACTION:** Please contact your local, state and federal representatives and ask them to support the use of natural gas vehicles. We have the opportunity to create a stronger economy, a cleaner environment and a better energy future for America – but we must work together.

**FOR MORE INFORMATION, VISIT:**

**CNGnow.com**  
**NGVAmerica.org**  
**ANGA.us**  
**AGA.org**  
**cleanskies.org**



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