

COMPANY: Coca-Cola India



PRACTICE

Running Fleet on Compressed Natural Gas instead of Diesel

DESCRIPTION OF PRACTICE

Coca-Cola India worked with its bottling partners to convert all of its 85 diesel fuel product delivery vehicles to operate on Compressed Natural Gas (CNG). CNG is a fossil fuel substitute for gasoline (petrol), diesel or propane fuel. Although its combustion does produce greenhouse gases, it is a more environmentally clean alternative to those fuels and it is much safer than other fuels in the event of a spill (natural gas is lighter than air, and disperses quickly when released).

RESULTS

CNG is often a far better environmental and social choice than diesel fuel and also costs less to run. For example, a model year 2012 CNG bus emits 80% less NOx, 99% less PM, and 100% less hydrocarbons than a model year 2000 diesel bus. Although natural gas also produces greenhouse gases, it is considerably reduced compared to gasoline or diesel. This helps reduce the harmful effects of greenhouse gases to the environment particularly through global warming.

CNG vehicles tend to cost more than diesel vehicles, but the payback analysis related to a bus is about 5 years, based upon savings in fuel prices.

