

COMING SOON

Cummins Westport  
The Natural Choice



# Move to Zero

## 2018 Natural Gas Engine

INTRODUCING THE NEW

# ISL G™

CNG

LNG

RNG



Performance and efficiency matches the current ISL G engine

Improves air quality and lowers noise pollution

More cost effective compared to electric powered vehicles

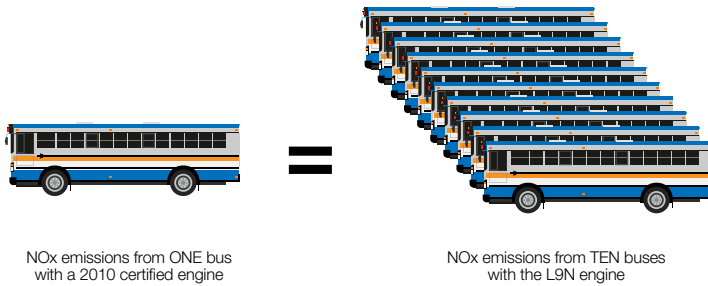
Lowest emission Transit and Medium Duty Truck engine in North America



## Reduced Emissions from Trucks and Buses

- Reduces smog forming NOx emissions by 90% vs. EPA NOx Standard
  - NOx emissions from TEN L9N powered vehicles = emissions from ONE 2010 certified vehicle
  - Clean technology for Clean Air Act Ozone Nonattainment areas
- Reduces Greenhouse Gas emissions
- Will be certified to the US Environmental Protection Agency (EPA) and California Air Resources Board (ARB) Optional Low NOx Emissions standards of 0.02 g/bhp-hr.

### NOx Emissions Reduction Impact



## Cost Effective Emissions Reduction

- Over 70,000 (6.7 to 12 litre) engines in service worldwide with Cummins Westport stoichiometric cooled Exhaust Gas Recirculation technology
- Lowest cost Move to Zero option
  - Minimal cost impact vs current natural gas product
  - No infrastructure changes for current NG fleets
  - Conventional vehicle range between fuel stops
  - Vehicles cost significantly less than electric
- Available for many applications:
  - Transit and shuttle buses, school buses, and refuse, vocational, and conventional trucks.
- Reduce emissions today, and provide immediate urban air quality benefits
  - New vehicles or repowers of existing natural gas vehicles
- Visit the Natural Gas Playbook for a step by step guide to evaluating natural gas for your fleet - [cwiplaybook.com](http://cwiplaybook.com)



[cumminswestport.com](http://cumminswestport.com)

## Renewable Fuel

- Capable of operating on 100% Renewable Natural Gas (RNG)
  - Recycled methane naturally produced from composting or landfills
- Significant greenhouse gas reduction
- Meets California 2023/2031 NOx and petroleum reduction goals now
- Reduce GHG Emissions with natural gas: Use our emissions tool to calculate your fleet's potential emissions reductions – visit <http://cwiplaybook.com/assess/>

## The Natural Choice

- Cleanest Internal Combustion technology
- Available today for buses and trucks
- Lowest incremental vehicle cost to diesel
  - More vehicles per \$
- Fueling infrastructure in place and growing
- Natural gas is the lowest carbon fuel available, with abundant supply and stable pricing

