

DOCKETED

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Commissioner Workshop on Near-Zero Emission Vehicles and Low-Carbon Fuels



Cummins Near-Zero Engines

Presented by:

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Business Development Manager

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The Cummins Portfolio Approach

- As the world's largest independent powertrain provider, Cummins is invested in a portfolio of solutions to meet the requirements of our stakeholders.

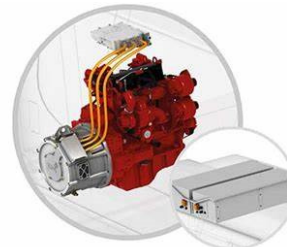
- Natural gas
- Battery electric
- Hydrogen fuel cell
- Electric hybrid
- Advanced diesel



Battery Electric



Hydrogen Fuel Cell



Hybrid Electric






Renewable Natural Gas

- The days of a “one-size-fits-all” solution are gone



2020 Near-Zero Platforms



Stoichiometric EGR, Emissions Leading			
Engine Name	B6.7N	L9N	ISX12N
Engine Plant	Rocky Mount, NC	Rocky Mount, NC	Jamestown, NY
Image			
Displacement	6.7 litre	8.9 litre	11.9 litre
Power Range	200 – 240 hp	250 – 320 hp	320 – 400 hp
Torque Range	520 – 560 lb·ft	660 – 1000 lb·ft	1150 – 1450 lb·ft
Criteria Emissions Level	CARB Optional Low NOx 0.02 g/bhp-hr		
Fuel compatibility	Renewable (biomethane) natural gas, compressed natural gas or liquified natural gas		
GHG Emissions Level	2024 GHG Compliant 70% to > 300% (carbon negative) reduction depending on biomethane source		
Service & Warranty	Cummins Distributors & Dealer Network		



Cummins Natural Gas OEM Availability



B6.7N™



L9N™



ISX12N™



Applications

