

Why EV - WHAT'S AT STAKE

Public Health

- Diesel emit of soot and toxic air pollutants
- More than 20 million kids ride diesel school buses daily
- Kids lung development is compromised by diesel-fuel
- Diesel fumes and related air pollution can cause cognitive impairment
 - Contribute to inequitable burden of air pollution, which disproportionately impacts people of lower income levels

Cost Savings and Job Creation

- Districts using Electric buses can save \$2,000 in fuel and \$4,400 in maintenance/bus/year (Source: wri.org)
- Projection of a growing industry of 10.7 million jobs created from U.S. investments in BEV, charging, supply chain, work force, and R&D

Disadvantaged students are vulnerable to diesel pollution impacts, 70% of all children from low-income families take the bus to School











The Foundation: NEXT 5C's Supporting our customers through the entire EV lifecycle

The 5C approach encompasses the ecosystem built around successful transitions to Electric vehicles.

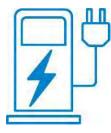
Consulting

Route Simulation to determine EV requirements and efficiencies



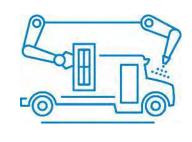
Charging

Providing charging solutions that will guarantee vehicle **Uptime**



Constructing

Configuring and building trucks and **buses in Navistar** facilities



Connecting

Monitor and communicate EV performance and data to customers



Conserving

Providing environmentally friendly options at vehicle end-of-life









Consulting Services

- Total Cost of Ownership (TCO)
 - Prioritization of EV
- Route Analysis
- EV Environment
- EV Training
- EV Journey / Fleet Electronification
 - Process
 - Timeline



Shaping

Managing

Writing

Compliance



VIN		Trip Mean	Trip Median	Max Trip	Baseline	Hot Climate	Cold Climate
NL4885	510	100	109	167	217*	178	170
NL4885	511	64	68	149	217	178	170
NL4885	512	61	61	131	217	178	170
NL4942	264	114	122	165	217	178	170
NL4942	265	124	123	174	217	178	170







Consulting Services – Funding Opportunities



Grant Program	Status	\$/EV Bus	\$/Charging	Notes				
Federal								
EPA Clean School Bus Program	Late April, 2022	Up to 100%	Up to 100%	Scrappage Required. Rebate. Lottery				
DERA Clean Diesel Funding Assistance Program	Anticipated Q3	\$65K/Bus	N/A	Scrappage Required. Rebate. Lottery				
Minnesota								
MN VW Phase 2: School Bus Replacement Program	2023	50%-90%	Unknown	Under Development. \$2.3M Total Solicitation.				
North Dakota								
ND Dept. Environmental Quality, VW Settlement	Open. Due May 2, 2022	50% Costs	50% Costs	Scrappage MY 2009. Does not stack with EPA				







The NEXT 5C's - Supporting our customers through the entire EV lifecycle

Charging

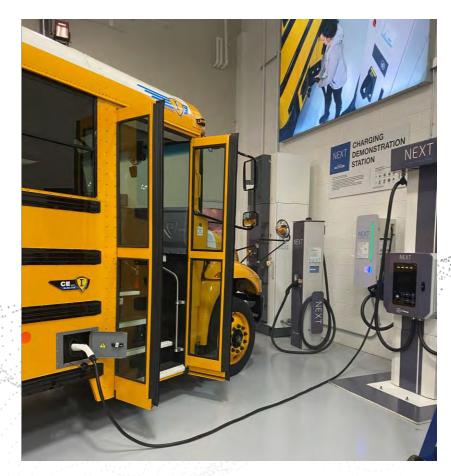
2

Providing charging solutions that will guarantee vehicle Uptime



NEXT has a dedicated team to support:

- Site planning and engineering
- Creating complete EV charging kits for both AC and DC charger installations
- Installation and site management
- EV Charging equipment certification with vehicles
- Guaranteed Uptime for EV infrastructure (Subscription required)
- Infrastructure financing







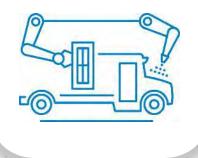


Powertrain Integration by NEXT

Constructing

3

Configuring and building trucks and buses in Navistar facilities





- Built in Tulsa
- CE Series
- 200+ mile per charge bus best in class (315 kWh)
- Direct Drive Motor
- Instrument Panel
- Electronic Stability Control

 3-level selectable regenerative braking







The NEXT 5C's - Supporting our customers through the entire EV lifecycle

Connecting

4

Monitor and communicate EV performance and data to customers



Health reporting

Regenerative brake usage data

Battery charging practices

Battery ranges

Battery & Motor temperatures

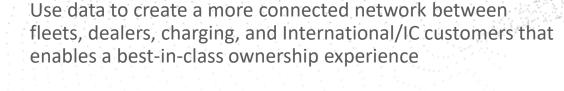


⊗nCommand*

Remote diagnostics and health monitoring alerts

IC BUS 36()
Service Communications





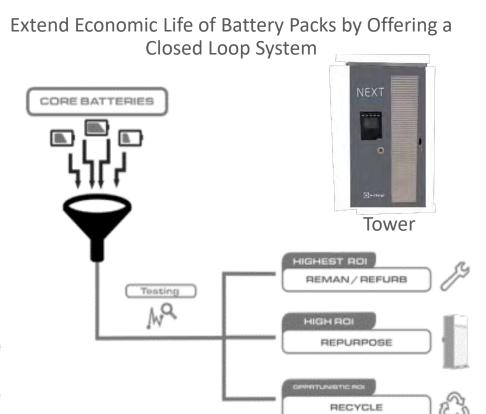






The NEXT 5C's - Supporting our customers through the entire EV lifecycle





- Dealer support and call center
- Reverse logistics and core recovery
- Forward logistics (same day shipping)
- Remanufacturing and refurbishing
- Root Cause analysis
- Dunnage management & Packaging
- Storage and distribution
- Repurposing/ second life
- Pre-cycling/recycling







