

# Indiana Clean School Bus Consortium Webinar

August 27, 2025 | 10 a.m. CST





# Who is Drive Clean Indiana?

Drive Clean Indiana is a 501(c)(3) nonprofit organization and is proudly the sole Clean Cities and Communities Coalition designated by the DOE throughout the state of Indiana.

- Mission:** Enhance U.S. energy and economic security through partnerships that promote affordable domestic transportation fuels, energy-efficient mobility systems, and fuel-saving technologies.
- Impact:** Through our mission, we reduce dependence on imported oil, improve air quality, create local jobs, drive economic growth, and enhance quality of life.



# Clean School Bus Consortium Powertrain Offerings

Dave Dorsett



# Dave Dorsett

- Regional Account Manager
- EV Account Manager
- 12 Plus Years Experience  
School Transportation  
Industry
- DCI Board President



# Kerlin Bus Sales

- The Kerlin family has been meeting transportation needs since 1927 when Russell Kerlin founded Kerlin Motor Company.
- In 1962, his son, Ed, entered the bus industry by selling his first Thomas Built Bus, Kerlin Bus Sales was founded.
- Kerlin Bus Sales has been a member of the Thomas dealer network since 1963. A member of the prestigious Thomas President's Club for outstanding service and performance since 1972, as well as a four-time recipient of the Dealer of the Year Award. For 60 years and with the fourth generation, Kerlin Bus Sales and the Kerlin family have been servicing transportation needs.



FACT:

All engines currently meet or exceed EPA emissions regulations with further emissions improvements on the horizon.



# Clean (Green) Diesel

- Approximately 80% of school bus market in Indiana
- Approximately 90% of school bus market nationwide
- 60 current emissions buses are the same as (1) 2002 bus
- Miles per gallon increases are approaching double (based on driver and conditions)



# POWERTRAIN FUTURE

- CUMMINS HELM PLATFORM B7.2 DIESEL
- CUMMINS HELM PLATFORM B6.7 OCTANE
- THOMAS JOULEY ELECTRIFICATION



# Cummins HELM™

HIGHER EFFICIENCY. LOWER EMISSIONS. MULTIPLE FUELS.

UNIFIED GLOBAL PLATFORM: **B SERIES**



Advanced Diesel



Gasoline



## Engine | MEDIUM DUTY

# THE B Series CUMMINS HELM™ PLATFORM B7.2™

*Higher efficiency. Lower emissions. Multiple fuels.*

- The B7.2 **launches in North America in 2027**, bringing advanced technology with proven dependability to Medium Duty applications.
- B7.2 architecture utilizes a belt driven, 48-volt alternator for increasingly strict emission standards.
- Increased GVW capability compared to the B6.7
- Improved oil drain intervals for lower TCO
- Ratings: 240- 340 hp | 650- 1000 ft – lb available
- *Target applications:* Pickup & Delivery, School Bus, Vocational, Shuttle Bus, RV



## GENERAL SPECIFICATIONS

# B7.2™



### SPECIFICATIONS

Horsepower	220 – 360 HP (179 – 254 kW)
Peak Torque	650 – 1000 lb-ft (881 – 1356 Nm)
Governed Speed	2400 rpm
Clutch Engagement Torque	TBD lb-ft (TBD Nm)
Number of Cylinders	6
Bore and Stroke	107 mm x 133 mm
Engine Weight (Dry)	1359 lbs (616.43kg) ~15% higher than 2024 B6.7
System Weight	1607 lbs (728.92kg)
Aftertreatment Weight	248 lbs (112kg) -- SISO

*B7.2 is in early phases of development. Values can change without notice.*



## Engine | MEDIUM DUTY

# THE B Series CUMMINS HELM™ PLATFORM



*Higher efficiency. Lower emissions. Multiple fuels.*

- The first Cummins engine powered by gasoline **launching in 2026**. Built on Cummins legendary B6.7 product, its built to perform like a diesel.
- EPA27 Three-Way Catalyst aftertreatment system- Compact and mounts directly to turbocharger
- Simplified maintenance and operations: Low complexity air handling, no DEF required, and no active regen.
- Ratings: 200- 300 hp | 600- 660 ft – lb available at 3200RPM
- *Target applications:* Pickup & Delivery, School Bus, Vocational, Shuttle Bus, RV



# Saf-T-Liner Jouley Electric Bus

## In Indiana

Buses in service since 2020

53 buses

9 schools

## Nationwide

Over 1300 Thomas buses in service

Over 3.5 million miles driven for school districts

Saved 657,000 gallons diesel fuel

Reduced Co2 by 9,700 lbs.

Reduced GHG's by 7,100 tons

## Polk Data – US EV Market

Type C Make	2019	2020	2021	2022	2023	2024	Grand Total
Thomas Bus		6	85	204	285	795	1,375
International			2	114	165	527	808
Blue Bird	5	26	25	50	229	237	567
Grand Total	5	32	112	368	679	1,559	



## Advantages

- No environmental tailpipe emissions
- Health benefits for riders
- Thousands of gallons of fuel saved annually
- Predetermined routes with designated charging base
- Lower maintenance cost due to:
  - No engine oil
  - No fuel system
  - No Turbo, EGR, or Injectors
  - No after treatment
  - No DPR or DEF systems
- State & Federal funding to help offset current high cost of EVSB & Chargers
- REGENERATIVE BRAKING
- 100% “0” EMISSIONS
- REDUCED NOISE POLLUTION
- SAFE VEHICLE SCHOOL TRANSPORTATION

## Disadvantages

- Higher purchase price **Funding Offset**
- Range in winter months can be decreased by 8% to 10%
- Charging Infrastructure
- EVSB may not work on all routes or all school districts



# Questions/Comments?



# Upcoming DCI Events

- Sept. 3, 2025 – [From Plan to Plug-In: Incentives and Tools for Multifamily Changing Webinar](#)
- Sept. 5, 2025 – [National Drive Electric Month: EV Display at South Bend First Fridays](#)
- Sept. 17, 2025 – [Drive Clean Rural Webinar: The Replication Playbook](#)
- Sept. 18, 2025 – [National Drive Electric Month: GOEVIN Ride & Drive at NIRPC](#)
- Sept. 18, 2025 – [Unlocking Access: Streamlining EV Charging Connections in Multi-Family Housing](#)
- Oct. 1, 2025 – [National Drive Electric Month Celebration with AES Indiana](#)
- Oct. 4, 2025 – [National Drive Electric Month: EVs 4 Everyone in Evansville](#)



**Electric Vehicle Display**

SCAN ME to participate

@ South Bend's First Friday Event

Sept. 5, 2025  
5:00 - 7:30 pm

The Gridiron  
Downtown South Bend

106 S Michigan Street  
South Bend, IN 46601

Talk to local electric vehicle drivers about their experience!

A variety of plug-in hybrids and all-electric vehicles will be on display.

Logos: National Drive Electric Month, MACOG, DRIVE CLEAN INDIANA



**DRIVE CLEAN INDIANA**

Drive Clean Indiana presents...

Drive Clean Rural USA Webinar:  
The Replication Playbook

Wednesday, Sept. 17, 2025:  
1-2 p.m. CT

Featuring Steven Montoya-  
Transportation Energy Partners

Logos: Transportation Energy Partners, DRIVE CLEAN RURAL USA



**NATIONAL Drive Electric MONTH**

**GOEVIN Ride & Drive**

**Date:** Thursday, Sept. 18, 2025

**Time:** 11 a.m. - 1 p.m. CT

**Location:** NIRPC - 6100 Southport Rd.  
Portage, IN 46368

Ever wanted to test drive an EV? Join GOEVIN at NIRPC to test drive an array of electric vehicle models from local EV drivers and dealerships.

Already an EV driver and want to show off your ride? Volunteer to display your vehicle or offer test drives at our event.

Logos: NATIONAL Drive Electric MONTH, GOEVIN, NORTHWESTERN INDIANA REGIONAL PLANNING COMMISSION, nirpc



Date: Wednesday, March 11, 2026

Location: JW Marriott Indianapolis - Griffin Hall; 10 S. West St., Indianapolis, IN

Time: 7:30 – 10:00 a.m. EST

[Register Here!](#)



# Thank You for Attending!

