

Wednesday, May 11
9 to 10:15 a.m.

BREAKOUT SESSION:
**ePTO Development Standards
and Applications**

Odyne founder and CEO Joe Dalum will present on the latest developments in vocational truck electrification.



KEY TOPICS

- ⚡ Highlights of ePTO applications using custom electric-hydraulic systems or direct high voltage DC connected chassis interfaces
- ⚡ How fleets need to configure or reconfigure charging infrastructure plans when incorporating ePTO-powered equipment into their fleet
- ⚡ An overview of SAE Standard J3253 (Work in Progress) Electric Power Take-Off Interface Requirements for Commercial Vehicles
- ⚡ A discussion on lessons learned from fleets that have incorporated and developed electric power take off in their operations



THE PANEL

The discussion will be moderated by **Meighan Read**, Fleet Manager for Duke Energy. In addition to Joe Dalum, the panel will feature:

- **MATT SRNEC**
Lead Engineer, Electrical Systems, Thermo King
- **GREG WEBER**
VP of Engineering and Technology, EAVX
- **GORDON WOLVERTON**
Director of Zero-Emissions Powertrains, Navistar

JOE DALUM has over 30 years of experience in the automotive and truck industry. Prior to founding Odyne in 2009, he served as the Executive Vice President for a large final-stage truck manufacturer for over ten years and worked for GM/Delphi developing and bringing to production new products for global automotive OEMs.

ABOUT ODYNE

Odyne Systems is a leader in electrification systems for medium and heavy-duty vehicles. Odyne's technology provides zero-emissions stationary operation and improves truck efficiency. The company produces electric power take-off (ePTO), Plug-in Hybrid EV (PHEV), idle reduction, and engine-off export power systems. Odyne is also developing fully electric export power systems for EVs to run hydraulic equipment, air compressors, generators, and refrigeration units. Our electrification systems have been sold to over 75 fleets.

Learn how Odyne technology can support your electrification needs. Visit odyne.com.

Odyne Systems, LLC | W237 N2878 Woodgate Road, Suite 2 • Pewaukee, WI 53072 • (262) 544-8405

UNLIMITED APPLICATIONS



Aerial Bucket Truck



Digger Derrick



Compressor Truck



Wallboard Crane



Knuckle Boom Crane



Cable Handling/Pulling Trucks



Telescopic Crane



Export Power Van

OTHER APPLICATIONS:

- Book Mobiles
- Dump Trucks
- Refuse Applications
- Refueling Trucks
- Rollback Tow Trucks & Haulers
- Street Sweepers
- Tank Trucks

And much more!

SOLUTIONS FOR EVERY INDUSTRY

Odyne's plug-in hybrid systems fit nearly any chassis. We sell our electrification systems for new and retrofit applications direct to fleets and truck manufacturers, and through OEM chassis dealers, truck equipment manufacturers, and leasing companies.

KEY FEATURES

- Auxiliary energy storage maintains full electric driving range
- Match electric power to need with 120V or 240V up to 36kW
- Electrifies hydraulic equipment and compressors, energy source for fully electric TRUs
- Robust components can be mounted on frame, saving space in the truck body

ODYNE ePTO TECHNOLOGY BENEFITS

- Reduces GHG emissions by up to 65%
- Reduces NOx by up to 96%
- Reduces fuel consumption by up to 50%+
- Quiet, stationary power
- Lower engine maintenance
- Grid recharging
- Extended, multi-day, low emissions off-grid operation

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