



Dragonfly Energy Collaborates with PACCAR on Whitepaper Addressing Lithium-Powered Solutions to Reduce Idling and Fuel Costs in Trucking

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RENO, Nev., Oct. 09, 2025 (GLOBE NEWSWIRE) -- [Dragonfly Energy Holdings Corp.](#) (Nasdaq: DFLI) ("Dragonfly Energy" or the "Company"), an industry leader in energy storage and maker of Battle Born Batteries®, publishes a new whitepaper developed in collaboration with PACCAR Inc. (Nasdaq: PCAR), a global leader in the design and manufacture of premium trucks, around reducing idling and fuel costs.

The whitepaper, ***Reducing Idle Time & Fuel Costs: Lithium Powered Solutions for Commercial Fleets***, evaluates the performance, reliability, and operational benefits of lithium-powered idle-reduction solutions, including all-electric APUs and hybrid systems such as the Battle Born® DualFlow Power Pack, when compared to traditional diesel-powered and AGM-based alternatives. The report incorporates real-world fleet trial data and Environmental Chamber Testing conducted at the PACCAR Technical Center, validating the technology's performance under worst-case operating scenarios. The PACCAR Technical Center is a world-class research and development facility recognized for testing next-generation truck technologies, including advanced powertrains, vehicle systems, and emissions solutions.

"We believe idle reduction remains one of the most immediate and cost-effective ways fleets can reduce fuel consumption and emissions while improving driver comfort. But just as important, the industry is increasingly focused on operational efficiency and maximizing asset utilization," said Wade Seaburg, chief commercial officer at Dragonfly Energy. "We believe our collaboration with PACCAR not only validates the performance of our LiFePO₄-powered solutions, but also highlights how they help fleets maximize uptime, extend equipment life and get more out of their assets."

"At the PACCAR Technical Center, we focus on rigorous evaluation of technologies that can help fleets improve efficiency, driver comfort and reliability," said Dr. Philip Stephenson, general manager of the PACCAR Technical Center. "This collaboration with Dragonfly Energy allowed us to evaluate lithium-powered idling mitigation solutions aimed at lowering idle times, extending non-idling sleeper climate control operation and reducing fuel consumption."

The findings of the whitepaper focused on idle reduction and fleet electrification strategies will be presented today at The Battery Show North America 2025 in Detroit by Wade Seaburg, Dragonfly Energy's chief commercial officer.

The whitepaper details key outcomes for fleets, including:

- **Fuel and cost savings:** Significant reductions in fuel consumption and idle hours compared to diesel APUs and AGM systems.
- **Driver comfort and safety:** Reliable power for full 10-hour rest periods without disruptive engine restarts.
- **Fleet reliability:** Lower maintenance costs and extended engine life by reducing unnecessary idle wear.
- **Proven results:** Performance validated through testing at the PACCAR Technical Center and confirmed in commercial fleet trials.

The whitepaper underscores how lithium-powered idle-reduction technologies can deliver measurable reductions in fuel use, emissions, and maintenance while supporting driver comfort and safety. By combining technical testing with real-world fleet trial data, the report provides fleets with practical insights into how these solutions perform under demanding operating conditions.

The full whitepaper is now available here: [BattleBornBatteries.com/Lithium-Powered-Idle-Reduction](#)

For more information about Dragonfly Energy and its innovative energy solutions, visit [DragonflyEnergy.com](#).

About Dragonfly Energy

Dragonfly Energy Holdings Corp. (Nasdaq: DFLI) is a comprehensive lithium battery technology company, specializing in cell manufacturing, battery pack assembly, and full system integration. Through its renowned Battle Born Batteries® brand, Dragonfly Energy has established itself as a frontrunner in the lithium battery industry, with hundreds of thousands of reliable battery packs deployed in the field through top-tier OEMs and a diverse retail customer base. At the forefront of domestic lithium battery cell production, Dragonfly Energy's patented dry electrode manufacturing process can deliver chemistry-agnostic power solutions for a broad spectrum of applications, including energy storage systems, electric vehicles, and consumer electronics. The Company's overarching mission is the future deployment of its proprietary, nonflammable, all-solid-state battery cells.

To learn more about Dragonfly Energy and its commitment to clean energy advancements, visit [investors.dragonflyenergy.com](#).

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995. Forward-looking statements include all statements that are not historical statements of fact and statements regarding the Company's intent, belief, or expectations, including, but not limited to, statements regarding Battle Born Batteries with Dragonfly IntelliGence, the Company's future results of operations and financial position, planned products and services, business strategy and plans, market size and growth opportunities, competitive position and technological and market trends. Some of these forward-looking statements can be identified by the use of forward-looking words, including "may," "should," "expect," "intend," "will," "estimate," "anticipate," "believe," "predict," "plan," "targets," "projects," "could," "would," "continue," "forecast" or the negatives of these terms or variations of them or similar expressions.

These forward-looking statements are subject to risks, uncertainties, and other factors (some of which are beyond the Company's control) which could cause actual results to differ materially from those expressed or implied by such forward-looking statements. Such factors include those set forth in the sections entitled "Risk Factors" and "Cautionary Note Regarding Forward-Looking Statements" in the Company's Annual Report on Form 10-K for the year ended December 31, 2024, and in the Company's subsequent filings with the SEC available at www.sec.gov. If any of these risks materialize or any of the Company's assumptions prove incorrect, actual results could differ materially from the results implied by these forward-looking statements. There may be additional risks that the Company presently does not know or that it currently believes are immaterial that could also cause actual results to differ from those contained in the forward-looking statements. All forward-looking statements contained in this press release speak only as of the date they were made. Except to the extent required by law, the Company undertakes no obligation to update such statements to reflect events that occur or circumstances that exist after the date on which they were made.

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