**Press Information**

Volvo Penta presents power solutions to support grid resiliency, electrification at ACT Expo 2025

**Volvo Penta will spotlight its latest advancements in complete power solutions aimed at supporting the energy transition on April 28 – May 1 at the Anaheim Convention Center.**

On April 30, Darren Tasker, vice president of Industrial Sales for Volvo Penta North America, will highlight real-world applications of Energy Storage Subsystems (BESS) in off-road environments during an Expo Hall Theater presentation. Volvo Penta’s BESS subsystem is one of several technologies the company will display at ACT that are developed to support emission reduction efforts in collaboration with partners and stakeholders.

At booth 4537 under the collective theme “Together Towards Zero,” Volvo Penta will join Volvo Construction Equipment, Volvo Trucks and Volvo Autonomous Solutions as part of the [Volvo Group](https://www.volvogroup.com/en/)'s aspiration to accelerate the transition to net-zero. Volvo Penta will highlight its stepwise approach to advancing the energy transition and demonstrate how its growing portfolio is supporting industrial customers in addressing current demands along with offering solutions designed to contribute towards long-term energy and environmental targets.

Attendees can explore Volvo Penta’s [electric driveline](https://www.volvopenta.com/en-us/industrial/industrial-engines/electromobility/tico-electric-terminal-tractor/) and cube battery, proven Volvo Group battery platforms used in trucks and construction equipment that are now being expanded into more industrial applications, such as a heavy-duty energy storage subsystem package. Volvo Penta’s [BESS subsystem](https://www.volvopenta.com/en-us/industrial/battery-energy-storage/) will allow visitors to discover how high-energy-density batteries, along with a battery management system, can help OEM partners build more flexible grid infrastructure and support rapid electrification.

“We are building a robust portfolio of solutions – from a combustion platform that is emissions compliant and alternative fuel compatible to battery-electric systems and BESS – all grounded in our customer-centric service approach,” said Darren Tasker, vice president of Industrial Sales for Volvo Penta North America. “By developing an integrated ecosystem that draws on diverse areas of innovation and expertise, we can help customers find the best possible solutions for their unique applications.”

**Collaboration drives innovation**

Volvo Penta’s role in the energy transition is fueled by close partnerships with OEMs and fleet owners. The company is actively [working with Utility Innovation Group (UIG)](https://www.volvopenta.com/en-us/about-us/news-page/2024/nov/scaling-grid-innovation-volvo-penta-follow-on-investment-in-utilityinnovation-group/) to integrate its BESS subsystem platform into transportable, high-performance solutions to support industries where energy density is essential. Progress in electromobility is also advancing through key collaborations, including projects like its [electric fire truck with Rosenbauer](https://www.volvopenta.com/en-us/industrial/electromobility/rosenbauer-rtx/), a highway-speed [electric excavator concept with Gradall](https://www.volvopenta.com/about-us/news-page/2023/mar/volvo-penta-gradall-collaborate-on-electric-excavator-concept/) and an [electric terminal tractor with TICO](https://www.volvopenta.com/en-us/industrial/industrial-engines/electromobility/tico-electric-terminal-tractor/).

“Strategic partnerships allow us to go beyond simply supplying power solutions and work closely with customers to deliver customized systems that enhance uptime, efficiency and long-term profitability,” added Tasker. “Whether it’s BESS, electric drivelines or low-carbon ICE options, our goal is to provide seamless integration, aftermarket services and engineering support across the board.”

In parallel with its innovations in electrification and battery technology, Volvo Penta is also making a near-term impact through alternative fuels. Since 2016, all Volvo Penta diesel engines have been compatible with hydrotreated vegetable oil (HVO), allowing customers to achieve up to a 90% reduction in well-to-wheel carbon emissions while maintaining existing infrastructure.

**Sharing industry insights**

As part of ACT Expo’s [diverse speaker lineup](https://www.actexpo.com/speakers/), Tasker will present “Diverse Transportation Solutions for Fleets – Real-World Applications of Battery Energy Storage Subsystems,” on Wednesday, April 30 at 12:50 p.m. in the Expo Hall Theater. The session will explore how BESS subsystems play a vital role in grid resiliency and transformation, supporting both stationary applications like microgrids and mobile solutions for more flexible and interim power needs.

With the ability to store and deploy instant energy, BESS is designed to provide a versatile energy option for various applications such as data centers, construction sites and fleet charging. As energy demand continues to rise, these solutions are positioned to fill critical gaps, ensuring grid stability, operational efficiency and a smoother transition toward sustainable energy systems.

The advancement of BESS and other next-generation technologies is strengthened by Volvo Penta’s alignment within the Volvo Group. Working together with its sister companies, Volvo Penta continues to leverage shared innovations in electrification, connectivity and alternative fuels to help address today’s challenges while paving the way to a more sustainable future.

Ends.

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For more information, please contact:

**Melissa Stewart**  **Ryan Boger**

Marketing Communications Manager Account Supervisor

Volvo Penta Largemouth Communications

Tel: +1-757-407-3554 Tel: +1-336-817-9351

Email: melissa.stewart@volvo.com Email: ryan@largemouthpr.com