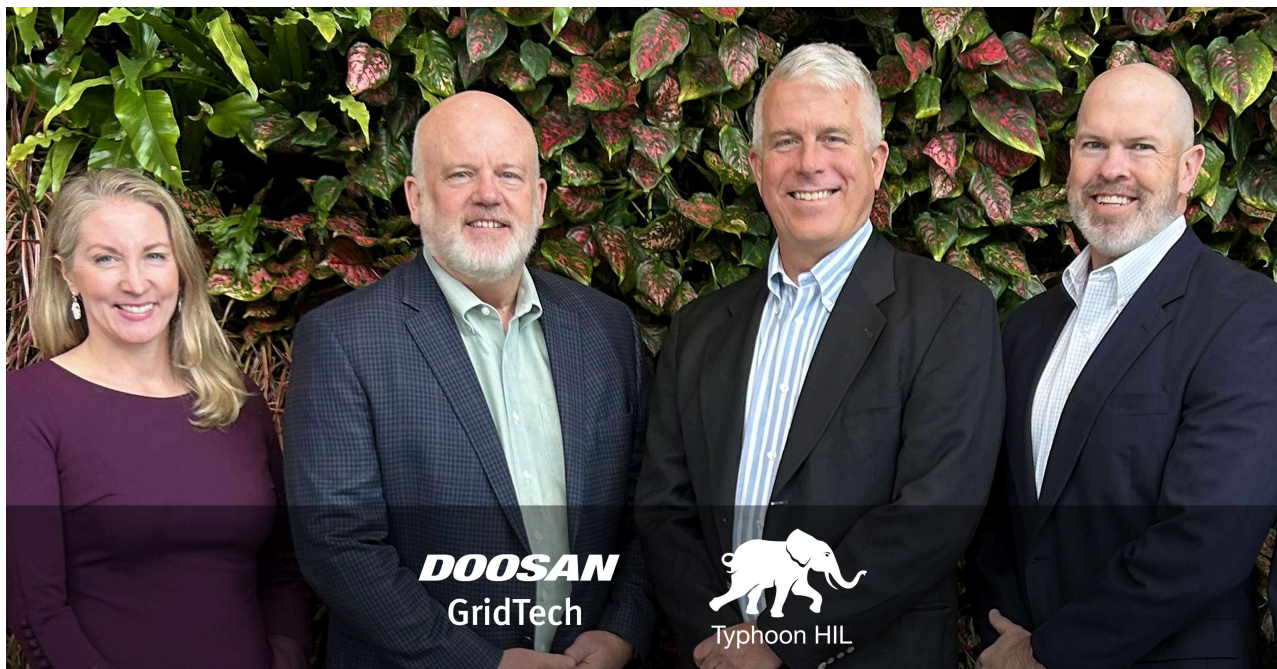


NEWS RELEASE

Doosan GridTech and Typhoon HIL Forge Strategic Partnership to Accelerate Energy Storage Innovation

Doosan GridTech and Typhoon HIL have formed a strategic partnership to enhance the integration and validation of Battery Energy Storage Systems and Power Plant Controllers, aiming to modernize the electrical grid and accelerate energy solutions through advanced simulation technology and collaborative initiatives.



Bellevue, Washington - [August 12, 2025] Doosan GridTech, a global leader in advanced energy software and systems integration, and Typhoon HIL, the pioneer in ultra-high-fidelity Hardware-in-the-Loop (HIL) simulation for power electronics and power systems, have announced a strategic partnership to revolutionize the integration and validation of Battery Energy Storage Systems (BESS) and Power Plant Controllers (PPCs) for hybrid PV+BESS sites.

This collaboration represents a significant milestone in the ongoing modernization of the electrical grid. By combining Doosan GridTech's cutting-edge software and system design expertise with Typhoon HIL's industry-leading Hardware-in-the-Loop (HIL) simulation technology, the partnership will accelerate system development and deployment, expand BESS test coverage, and enable more effective BESS life cycle management. *"This partnership with Typhoon HIL enables us to raise the bar in how energy storage systems are designed, tested, and deployed—ultimately reducing time to market and increasing reliability for our customers,"* said Steve Levy, CEO of Doosan GridTech.

"This collaboration brings together two innovation-driven teams with a shared passion for grid resilience, high performance, and global decarbonization," said Nikola Fischer Celanovic, CEO at Typhoon HIL. "We're thrilled to partner with Doosan GridTech to deliver integrated, HIL, and Model-Based Engineering workflow environments that accelerate project timelines while maintaining the highest levels of reliability and performance."

Under the agreement, the two companies will collaborate on several strategic initiatives, including:

- **Technology Integration:** Embedding Typhoon HIL's high-fidelity simulation technology into Doosan's Voice of the Customer (VoC) Lab in Bellevue, Washington, to perform HIL testing and validation of BESS and PPC solutions.
- **Joint Marketing & Events:** Co-hosting webinars, participating in industry conferences such as RE+ and Typhoon HIL Tech Day, and producing co-branded technical content, including blogs, case studies, and spotlight videos.
- **Customer Enablement & Training:** Providing hands-on training, expert-led sessions, and shared tools to support customer success and broaden adoption.

"This partnership enables testing multiple primary controllers from various vendors with Doosan GridTech's system-level D Controller (DG-IC®), using Typhoon's 'HIL Compatible' approach. This integrates OEM controller, off-the-shelf physical interfaces, and validated high-fidelity models into a Controller Hardware-in-the-Loop (C-HIL) package, providing flexible testbeds for any site in our Voice of the Customer lab," said Steve Hummel, CTO.

"We see this collaboration as a game-changer for utilities and developers seeking speed, flexibility, and confidence in their energy storage deployments," said Lori Sutton, CMO and Head of Global Sales at Doosan GridTech. "Together, we're equipping customers with the tools and insight they need to accelerate the energy transition."

The C-HIL Digital Twin approach, combined with Typhoon Test Hub's integrated Python scripting, enables continuous, repeatable testing through all project phases, including all software updates and optimization. This allows for comprehensive BESS site simulations, including inverters, battery management systems, and protection systems, empowering developers, Independent Power Providers (IPPs), and Engineering Production and Construction (EPC) firms to de-risk complex systems before site deployment.

This collaboration reflects a mutual commitment to innovation, transparency, and knowledge-sharing across the energy value chain. Both Doosan GridTech and Typhoon HIL will continue to invest in joint research, marketing, and customer-focused activities to expand the impact of this partnership through 2025 and beyond.

About Doosan GridTech

Doosan GridTech delivers control software and systems integration services for utility-scale energy storage and renewables and is a trusted partner in enabling clean energy adoption.

www.doosangridtech.com

About Typhoon HIL

Typhoon HIL is the market leader in ultra-high-fidelity Hardware-in-the-Loop (HIL) solutions, that accelerate innovation in power electronics, e-Mobility, and grid modernization applications. Our vertically integrated solutions unlock value stacking across product lifecycle, enabling customers to accelerate time to market while reducing costs and enhancing quality. Committed to technical and business excellence, our mission is to engineer and promote environmentally sustainable power technologies that scale. www.typhoon-hil.com

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