PRESS RELEASE

Dukosi Announces Collaboration with A123 Systems LLC and Nuvation Energy to Serve the North American Battery Energy Storage Systems Market

An End-to-End BESS Solution Combining Dukosi's Chip-on-Cell Technology with C-SynQ®, A123's Next Gen High Capacity LFP Cell Technology and Nuvation's BMS Design to Address Growing Market with Proven and Compliant Solutions

EDINBURGH, United Kingdom, 8 June, 2026 -- Dukosi Ltd, the technology company revolutionizing the performance, safety and sustainability of high-power battery systems, announces its collaboration with A123 Systems LLC ("A123"), a global leader in advanced lithium-iron battery technologies, and Nuvation Energy, a North American provider of battery management and energy control solutions, with a proof-of-concept (PoC) high capacity battery solution for battery energy storage systems (BESS) targeting the North American market.

The proof-of-concept reference platform represents a comprehensive end-to-end battery solution that combines A123's 587 Ah prismatic form factor, high-capacity lithium iron phosphate (LFP) cell technology with Dukosi Cell Monitoring System (DKCMS®) with C-SynQ® proprietary communications and battery management system (BMS) designed by Nuvation, to create a highly scalable, safer, and more reliable contactless architecture. Together, the collaboration demonstrates how high-capacity LFP cell technology, pack/system design, chip-on-cell monitoring, BMS, and EMS technologies can be integrated to support scalable, safer, and more reliable BESS applications for the North American market. Designed in a 1P13S module configuration typical for battery energy storage applications, a PoC live demonstrator will showcase A123's next generation ESS LFP cell technology with a Nuvation L2 BMS and Dukosi's intelligent chip-on-cell technology. This turnkey BESS solution will enable system integrators and project developers to deploy and scale battery storage projects in North American with safer, more secure and reliable battery systems that support regulatory compliance and bankable warranties.

Joseph Notaro, Chief Revenue Officer, Dukosi

"Working together with A123 and Nuvation is enabling a solution that improves the safety, reliability, and performance of the high-capacity LFP cell technology in power-dense modules needed for demanding battery energy storage applications. Batteries are key to stabilizing the power demands of grid-scale projects to AI data centers, ensuring the "five nines" uptime requirement while also providing unprecedented data insights. Using DKCMS ensures these deployments benefit from industry-leading cell-temperature and voltage accuracy, event logging, improved maintainability, and better performance over the long term."

Sandro Morero, Director of Engineering, A123 Systems LLC

"This collaboration reflects A123's focus on delivering high-capacity LFP cell technology for demanding energy storage applications. By combining A123's cell expertise with Dukosi's chip-on-cell monitoring technology and Nuvation Energy's BMS design, the proof-of-concept BESS solution shows how collaboration across cell, monitoring, and system-level technologies can support safer, more reliable, and more serviceable BESS architectures for the North American market."

Michael Worry, CEO/CTO of Nuvation Energy

"BMS and EMS controls are critical control electronics of a BESS, the brains that govern safety, performance, and all of the data the system generates. That intelligence should be designed from the cell up by engineers in the region where the system will operate, accountable to the standards and security expectations of that market. Through our partnership with A123 and Dukosi, we are pairing North American-engineered control electronics with DKCMS-enabled smart cells from A123, giving operators supply chain security and cybersecurity compliance without compromise. This is how we build an energy future that is both globally collaborative and locally trusted."

This PoC solution highlights the flexibility, safety and reliability required to deploy and scale battery storage projects and the benefits of collaboration to address growing markets with proven and compliant solutions.

Q&A

Q1 How is this solution suitable for the North American marketplace?

North America is one of the fastest-growing markets for Battery Energy Storage Systems, driven by accelerating grid modernization, renewable energy integration, and the rising

demand for backup and UPS power in data center infrastructure. By combining A123's high-capacity LFP cell technology, Dukosi's cell monitoring technology, and Nuvation Energy's BMS design, the demonstrator provides a reference platform for system integrators and project developers evaluating scalable, reliable, and serviceable BESS architectures for North American applications.

Q2 Why is this solution especially effective for modern Data Centers?

Modern AI data centers place significant demands on power infrastructure, requiring high capacity, fast response, and dependable uptime. High-performance BESS plays a critical role in supporting these applications by providing rapid response, backup power, and energy resilience. To perform reliably in these environments, BESS architectures require advanced battery cells, accurate cell monitoring, and robust battery management systems that support safety, performance, and long-term reliability.

Q3 How does the Dukosi Cell Monitoring System (DKCMS®) differ from other BMS architectures?

The Dukosi Cell Monitoring System introduces several innovations: a Dukosi DK8102 Cell Monitor (CM) is installed on each cell, which captures accurate measurements of voltage and temperature and stores these dynamic data the CMs' non-volatile memory, unlike virtually all other BMS solutions. Each Cell Monitor uses Dukosi's proprietary C-SynQ® communication protocol to synchronously send data to a Dukosi DK8202 System Hub using near field RF via a single bus antenna placed over the battery pack cells – this small 'contactless' airgap improves reliability by avoiding physical solder points and connectors. The System Hub typically resides on the same PCB as the BMS host processor and communicates using the DKCMS library.

DKCMS has been architected expressly for high performance batteries and meets stringent safety and reliability standards. It helps manufacturers and operators optimize performance, extend battery lifespan, and support global regulatory compliance requirements.

Q4 What are the advantages of A123's LFP cells?

A123's high-capacity LFP cell technology is designed to support safety, reliability, long cycle life, and scalable energy storage applications. For BESS projects, LFP chemistry offers strong thermal stability and durability, while A123's expertise in cell technology, cell-to-module and module-to-pack design, manufacturing, and system integration supports demanding utility-scale and commercial storage use cases.

Q5 How does DKCMS streamline maintenance and warranty?

DKCMS enables on-cell data storage, which can hold static data on materials and supply-chain information, as well as dynamic data such as event recording, allowing each cell to capture and store if it was subject to extremes of environment or use, streamlining maintenance activities, or warranty claims.

Thanks to its simpler architecture that uses a single communications bus antenna, the ability to repair/remanufacture modules is more efficient, requiring less labor during disassembly/reassembly, and it enables the opportunity to replace single cells rather than scrap whole modules, greatly reducing costs.

Dukosi is showcasing its award-winning cell monitoring solutions and introducing the new BESS battery platform being developed in collaboration A123 Systems LLC and Nuvation Energy at The Battery Show Europe, 9 – 11 June, 2026 in Stuttgart. Come visit Dukosi in **Hall 3, Booth 3-B20**. To arrange a meeting and view a demonstration at the show, please email info@dukosi.com. To learn more about Dukosi and how DKCMS can assist battery designers and manufacturers in achieving their performance, safety, reliability and sustainability objectives visit www.dukosi.com.

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About Dukosi

Dukosi develops revolutionary technologies that dramatically improve the performance, safety, and efficiency of battery systems, and enable a more sustainable battery value chain. The company provides a unique cell monitoring solution based on chip-on-cell technology and C-SynQ® communications protocol for electric vehicles (EV), industrial transportation and stationary energy storage markets. Headquartered in Edinburgh, UK, Dukosi has a global footprint with locations in USA, Asia and Europe.

For more information, please visit www.dukosi.com

About A123 Systems LLC

A123 Systems is a global leader in advanced lithium-ion battery solutions for energy storage and automotive applications. A123 is working toward expanding its North American footprint and advancing industrialization capabilities from cell technology through module, pack, and system-level integration. Within the energy storage market, A123 provides high-capacity LFP cells and BESS solutions engineered for safety, reliability, scalability, and long-term performance. With expertise spanning materials science, cell design, manufacturing, and system integration, A123 works closely with customers to support utility-scale and commercial energy storage projects in North America. A123's support extends beyond products through technical guidance, integration support, responsive regional engagement, and long-term partnership. www.a123systems.com

About Nuvation Energy

Nuvation Energy provides battery management and energy control solutions for large-scale energy storage systems. With BMS technology in development since 2008 and delivering products at scale since 2015, Nuvation has deployments across hundreds of commercial, industrial, and utility-scale installations worldwide. Nuvation's core BMS products are UL 1973 Recognized and are designed, engineered, and manufactured in the United States and Canada by a fully North American-based team. www.nuvationenergy.com

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