



[Shmuel De-Leon Energy - Battery Weekly Newsletter](#)

**July 4 2025, No. 809**

**Sent to 115,000 Battery industry members**

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### ***Virtual Battery Trainings***

15-17/7/2025 **Battery Virtual Seminar** (6 hours - 3 parts of 2 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

### ***Frontal Battery Training***

[2nd European Hands-On HV Battery Development Seminar, Graz, Austria, June TBD](#)

[5th Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA, 27-28/10/2025](#)

### ***Special Offers***

[Shmuel De-Leon Energy provides an on-demand purchasing services for cells and batteries from all chemistries and vendors](#)

[Shmuel De-Leon Energy provide a new Battery Daily News Service - Sign up for free 30 days trial](#)

[Shmuel De-Leon Energy Provide a new Battery Daily Patent Newsletter service - Sign up for free 30 days](#)

### ***Batteries and Super Capacitors news***

[German battery production, trade decline; lobby urges action](#)

[LG Energy Solutions opens LFP battery cell manufacturing plant in Michigan](#)

[The UK Secures US\\$621m Investment for Battery Technologies](#)

[BMW begins installation of production systems at new Bavaria battery plant](#)

[Chinese Battery Giant Eve Energy to Spend USD1.2 Billion on Another New Plant in Malaysia](#)



[Maccor Inc.](#), based in Tulsa, Oklahoma, is a leading global manufacturer of automated

test equipment for batteries and other electrochemical devices. Founded in 1987, they provide high-precision systems used by researchers, manufacturers, and organizations worldwide for battery evaluation, quality control, and R&D. Maccor is recognized for its innovation, reliability, and comprehensive customer support in the energy storage industry.

[Lithium Battery Company Sets New Standard for American Manufacturing as Nation's First All-in-One Battery Pack Factory](#)

[Battery maker Northvolt gets indicative bid, bankruptcy trustee tells Swedish radio](#)

[General Motors Is Exploring Solid-State Batteries As EV Push Expands](#)

[Developing AI-Driven Database for Accelerated Lithium-Metal Battery Innovation](#)

[Tesla's U.S. LFP Battery Factory Set to Begin Production Soon!](#)



### **Northvolt Ett Expansion – Unused Battery Manufacturing Equipment for Sale**

Acquire premium unused assets from Northvolt Ett Expansion, including complete production lines and equipment such as Formation and Aging Systems, Coating Anode, Roller Hearth Kilns, FP/MP Crystallizers, and Robot Racks. Sales through exclusive auctions and competitive tenders—managed exclusively by PS Auction and TBAuctions.

See equipment here:

[http://nvx.psauction.com?utm\\_source=sdle&utm\\_medium=newsletter&utm\\_campaign=northvolt\\_ett\\_expansion](http://nvx.psauction.com?utm_source=sdle&utm_medium=newsletter&utm_campaign=northvolt_ett_expansion)

[LFP Batteries Revolutionized China's EVs. Now, America Steps Up Too](#)

[Ford Advances Plans for Mile-Long Battery Plant in Michigan](#)

[UK electric car battery gigafactory celebrates 'significant milestone' ahead of 2027 deadline](#)

[New battery innovation boosts humanoid robot performance in China](#)

[Pentagon-backed battery innovation facility opens at UT Dallas](#)



*As a leading global analytics service provider, SGS has extensive expertise in battery*

testing. With our versatile testing options, we can cover the monitoring of the entire battery production process – from the basic materials to the complete battery system. SGS INSTITUT FRESENIUS is a strong partner that can support you with a high-end equipment portfolio and advanced analytical methods in the field of material and layer analysis, surface, trace and fault analysis, as well as with a wide-ranging network.

<https://sgs-institut-fresenius.de/en/material-failure-analysis/applications/batteries>

[LiNa Energy opens sodium battery pilot manufacturing line in UK](#)

[Developing AI-Driven Database for Accelerated Lithium-Metal Battery Innovation](#)

[Iontra Technology to Eliminate 100M Tons of CO<sub>2</sub> emissions -- Without Modifying a Single Battery](#)

### **Battery Materials news**

[Call2Recycle Canada Releases its 2024 Annual Report, Celebrating a Second Consecutive Record-Breaking Year for Battery Recycling](#)

[Group14's SCC55® Resets Benchmark for Silicon Battery Performance: 1,500+ Cycles with Faster Charging and Higher Energy Density](#)

[Ronbay Technology and Rock Tech Lithium sign Strategic MoU on Extensive Local Battery Materials Partnership in Europe](#)

[DHL and Fortum partner to close EV battery loop in Europe](#)

[New Component Reduces Cost, Supply Chain Constraints for Fast-Charging EV Batteries](#)

[Crusoe and Redwood Materials Unveil World's Largest Second-Life Battery Deployment, Powering the Future of AI, with Repurposed EV Batteries](#)



**Need battery material performance verified?** NEI's electrochemical experts provide comprehensive cell-level testing (full service or by-the-sample). Get your free consultation today! Link: <https://www.neicorporation.com/services/electrochemical-testing-services/>

[KYOCERA AVX Releases Robust new Series of Vertical-Mating Battery Connectors](#)

[KEZAD to open UAE's first lithium battery recycling plant](#)

[Canadian G7 Critical Minerals Action Plan Represents Major Boost for Manganese X Energy's Battery Hill Project](#)

[Morocco launches first gigafactory for electric battery materials](#)

[Syensqo introduces orange-colored grades for critical battery electric vehicle components](#)

### ***Chargers & BMS News***

[U Power Announces Official Entry into Web 3.0, Ushering in the Next Era of Battery Swapping Solutions](#)

[CATL looking to expand battery-swapping business to Europe](#)

### ***Grid Storage Batteries News***

[Pilot projects turn EVs into batteries for power grid](#)

[US power sector battery storage momentum keeps charging on](#)

[Prevalon Energy and Idaho Power Reach Commercial Operation of Happy Valley Battery Storage Project](#)

[SMA Powers 228 MW Battery Storage Project in Chile](#)

[Grid battery installations may plunge 29% due to Congress, Trump — report](#)

[BKW : set to build a large-scale 300 MW battery plant in Germany\\*](#)

[Ekü Energy enters NZ with 300 MW battery project purchase](#)

[Germany's battery storage capacity up 150% since 2023](#)

### ***Battery Industry Upcoming Events***



[Battery Cells & Systems Expo](#) (9th & 10th July 2025) will bring together automotive manufacturers, electric utilities, battery system integrators, cell manufacturers and the entire manufacturing supply chain. A truly unique showcase, companies from around the world will use the show to launch products and demonstrate their technology to an audience of professionals.

[Vehicle Electrification Expo](#) (9th & 10th July 2025) enables automotive manufacturers to look at the latest powertrain solutions to improve the performance, efficiency, safety and sustainability of vehicles including light electric vehicles, passenger cars, commercial vehicles, buses and off-highway industrial vehicles. The show will bring together the entire supply chain involved in electric and hybrid vehicle manufacture and development showcasing the very latest technologies for this rapidly growing market.

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THE **BATTERY** SHOW  
ASIA

15-17 July, 2025 | Hong Kong

<https://www.thebatteryshow.asia/>



**The 10th World Battery & Energy Storage Industry Expo (WBE 2025)**--Hyperlink:

<http://en.battery-expo.com/>

August 8th-10th, 2025, | China Import and Export Fair Complex, Guangzhou

WBE 2025 will showcase a wide range of products, including various batteries, battery packs, cells, and BMS. Exhibits will feature energy storage solutions, battery charging and swapping technologies, raw materials and components, manufacturing and testing equipment, recycling systems, and international logistics. Additionally, the expo will highlight advancements in hydrogen energy and its applications.



[Solid-State Battery Summit 2025](#) will take place in Chicago, IL, USA on August 12-13, 2025.

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**INTERNATIONAL  
SECONDARY LEAD AND  
BATTERY RECYCLING  
CONFERENCE**

1 & 2 September 2025, Hilton Hotel, Kota Kinabalu, Sabah, Borneo,

The only [conference](#) dedicated to the world of recycling and recovery of lead-acid and other battery chemistries.

The conference will feature leading international speakers on the latest recycling & smelting methods, research and health, safety and environmental topics. Whether it be a lead-acid or lithium, we still must collect, break, recover the valuable elements and dispose of the waste in an environmentally safe manner.



**ASIAN BATTERY  
CONFERENCE  
AND EXHIBITION**

2 – 5 September 2025, Sabah International Convention Centre, Kota Kinabalu, Sabah, Borneo, Join us in Kota Kinabalu, Sabah, Borneo for Asia's #1 [Lead-acid battery conference and exhibition](#). Discover cutting-edge technologies, explore future trends in the lead-acid industry, connect with suppliers, and seize new business opportunities. This is your chance to network with industry leaders, gain valuable insights, and stay ahead of the competition. Don't miss out—be part of shaping the future of lead-acid innovation!

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### [Energy Storage Summit Central Eastern Europe](#)

23 - 24 September 2025 | Warsaw Presidential Hotel, Warsaw, Poland, Returning for its 3rd edition in September 2025, this Summit connects energy storage leaders across Central Eastern Europe's emerging markets. The Summit explores regional grid integration, evolving policies, and energy security solutions through expert panels and networking. Join stakeholders to discover new revenue streams and regulatory frameworks shaping the region's sustainable energy future.

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### **Celebrate 15 Years of Innovation at North America's Premier Advanced Battery Event**

The Battery Show and EVT Expo return to Downtown Detroit from October 6-9, 2025, marking its 15th anniversary!

This premier event brings together engineers, business leaders, top industry companies—including leading OEMs—and forward-thinking innovators to explore groundbreaking products and create powerful solutions for the future. With over 21,000 industry professionals attending, you'll experience four days of educational sessions, networking opportunities, and access to the latest innovations from more than 1,300 exhibitors at one of the world's largest battery technology trade shows. Don't miss your chance to be part of this extraordinary experience!

[Discover More & Register Today>>](#)

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#### [Energy Storage Summit Asia](#)

**7 - 8 October 2025 | The Westin, Manila Philippines.** Relocating to Manila, Philippines for its 3rd edition this October, Energy Storage Summit Asia brings together key stakeholders driving ASEAN's energy transition. Following the Philippines' groundbreaking IRESS auction, this premier event connects investors, developers, policymakers, and technology providers shaping Asia's rapidly evolving battery storage landscape across emerging markets including Singapore, Malaysia, and Vietnam.

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#### [Energy Storage Summit Latin America](#)

14 - 15 October 2025 | InterContinental, Santiago, Chile. Returning for its 4th edition in October 2025, this Summit unites Latin America's energy storage leaders in Santiago, Chile. Explore BESS deployment, supply chain growth, and regulatory progress across markets like Chile, Brazil, and Colombia. Join key stakeholders driving innovation, investment, and system flexibility across the region's clean energy transition.

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#### [ADM - Advanced Design & Manufacturing Expo 2025, Toronto, Canada, October 21-23, 2025 - Event include battery conference as part of the show](#)

- Event description: ADM Toronto brings together six advanced manufacturing areas — design, automation, packaging, plastics, processing, and EV technology. This all-in-one, industry-wide event lets you explore the latest trends and technologies shaping the future of manufacturing. Through conference tracks on International & Interprovincial Trade and Battery Manufacturing, 350+ exhibitors, and networking opportunities with over 4,000 attendees, ADM Toronto is propelling Canada's manufacturing industry forward.

- Registration expected to go live June 16<sup>th</sup>



[10th Turkey Battery Technologies Summit, Istanbul, Turkey, October 22-23, 2025](#)

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#### Energy Storage Summit India

31 October - 01 November 2025 | India Expo Mart, Greater Noida, Making its debut in India, this landmark event brings the world-renowned Energy Storage Summit Series to one of the world's fastest-growing BESS markets. Co-located with RE India Expo and Battery Show India in Greater Noida, the Summit connects developers, IPPs, financiers, and policymakers driving India's ambitious 500 GW non-fossil fuel capacity target by 2030.

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[The Battery Show India, October 30th - November 1st, 2025](#), popularly known as TBSI, is Asia's premier event for battery technology. It brings together global manufacturers, engineers, and EV pioneers to showcase breakthroughs in energy storage and smart energy systems. The show aims to accelerate the global transition to sustainable, battery-powered solutions.

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**Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing, November 3–4, 2025, Fraunhofer IWS | Dresden (Germany).** Website:

<https://www.iws.fraunhofer.de/en/events/dry-coating-forum.html>

Dry battery electrode coating contributes towards greener, more efficient battery

production. Toxic solvents are avoided, the equipment footprint is reduced, and energy costs for the intensive drying step are omitted. Following the great success of the first and second Dry Coating Forum 2023 and 2024, Fraunhofer IWS is once again inviting material suppliers, system manufacturers, cell producers, and end users to network and exchange knowledge in the field of dry electrode coating.

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[Batteries Event 2025, 5-7/11/2025](#), Lyon, France covers all aspects of the circular economy value chain, starting from the production of the battery to recycling. Its objective is to create a perfect forum where all International battery industry key players such as OEM, cell and pack manufacturers, end users, experts, researchers and recyclers will come together to discuss and exchange on new chemistries, manufacturing process, battery components, battery second life, regulation, future expectations and innovations. After a very successful 2026 event that gathered 1100+ participants from the battery industry, their goal is to keep growing and welcome more than 1200 participants, 130+ exhibitors, sponsors & partners as well as 175+ international speakers in 2025! Join them and do not miss THE event where all stakeholders and decision makers gather every year!

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### **International Battery Production Conference IBPC 2025**

05 November - 06 November 2025

The International Battery Production Conference (IBPC) 2025, held on November 5 - 6 in Braunschweig, has been a key platform for global exchange on the latest battery advancements since 2018. The conference focuses on innovative electrode and cell production, analytics and applications, next-generation batteries, and recycling and sustainability. It is aimed at participants from both academia and industry. An additional seminar on November 7 offers in-depth learning opportunities. <https://battery-production-conference.de>

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**Welcome to [Sodium-Ion Battery Show 2025](#), November 11-12, 2025, Detroit, USA - where grid operators and automotive leaders connect with sodium-ion battery experts to explore emerging technologies and manufacturing insights shaping the future of BESS and electric vehicles”**

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**12th Workshop “Lithium-Sulfur Batteries”, November 17–18, 2025, Fraunhofer IWS | Dresden (Germany)**

Website: [https://www.iws.fraunhofer.de/en/events/lithium-sulfur-batteries\\_2025.html](https://www.iws.fraunhofer.de/en/events/lithium-sulfur-batteries_2025.html)

Lithium-sulfur batteries are envisaged to enable energy storage devices with high specific energy at low material cost. Following the success of the past eleven years, the 12th Workshop “Lithium-Sulfur Batteries“ will again bring together an international audience of renowned scientists and industry representatives who will present latest results, new materials,

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Future Battery  
Forum

6th Future Battery Forum (Nov 25-26, 2025 | ECC Berlin + online)

Europe’s leading battery conference gathers 1,000+ industry decision-makers for two days of C-level networking. With 80 speakers, keynotes, panels, and interactive sessions, it tackles urgent industry topics. 100+ exhibitors showcase cutting-edge technologies. Don’t miss the evening reception!

[www.futurebattery.eu](http://www.futurebattery.eu) - [fbf@ipm.ag](mailto:fbf@ipm.ag)

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AABC USA 2025 - Las-Vegas, NV, USA 8-11 December 2025

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NAATBatt 2026 (February 9 – 12, 2026) is the 16th annual meeting of NAATBatt International, the trade association for advanced battery technology in North America. NAATBatt’s mission is to support networking and acquisition of pre-competitive market intelligence by companies working in the advanced battery industry in North America. Members and non-members are welcome. For more information about the program, click [here](#).

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### [Energy Storage Summit](#)

24 - 25 February 2026 InterContinental London, The flagship event in the energy storage series returns for 2026, highlighting storage's pivotal role in Europe's energy transition. With the UK projected to reach 15 GW of operational capacity by 2027 and utility-scale installations outpacing behind-the-meter solutions across Europe, this Summit connects 200+ expert speakers with industry leaders through multiple content streams and exclusive networking opportunities.

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**InterBattery 2026** - March 11th-13th, 2026 - InterBattery2026 - InterBattery 2026 :  
<https://interbattery.or.kr/>

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[International battery seminar & exhibit 2026](#) - March 23-26/2026

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“[The Battery Show South](#), [Electric & Hybrid Vehicle Technology Expo South](#), [Energy Storage South](#), and [EV Infrastructure](#) launches in the next hub of EV, battery, and clean energy growth—the U.S. Southeast. This will bring together the new regional value chain in the Battery Belt to discover the latest technologies across commercial and industrial transportation, advanced battery, H/EV, materials, stationary energy storage, recycling, components, mining, medical, aerospace, and more. Meet engineers, business leaders, top-industry companies, and innovative thinkers creating powerful solutions and shaping the future of Battery and EV technology.” **April 22-23, 2026** <https://www.thebatteryshow.com/lp/2024/tbs-south.html>

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[The 18th China International Battery Fair \(CIBF2026\)](#), organized by China Industrial Association of Power Sources, was originally planned to be held in "City TBD" , China - 14-17/5/2026.

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AABC Europe 2026, Mainz, Germany, May 18-21, 2026

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9-11.6.2026 - The Battery Show Europe is the leading meeting place for the advanced battery, H/EV technology and energy storage community to discover the latest innovations and solutions powering the industry forward. Join 21,000+ peers at the Messe Stuttgart, Germany for a chance to source technologies from 1,100+ exhibitors representing the full supply chain from raw materials to battery recycling. Expand your education at the expert-led four-track conference and meet liked-minded peers at free-to-attend networking receptions. Use promo code SDL20 for free expo registration or 20% discount on conference passes.

<https://register.thebatteryshow.eu/ra9lmx>

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Schive AS, Asker, Norway together with Shmuel De-Leon Energy will organize the [7th Oslo Battery Days conference](#) in Oslo, Norway, August 24-25, 2026

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[NASA Aerospace Battery Workshop 2026 conference, 17-19/11/2026](#)

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