

# Shmuel De-Leon Energy Ltd



## Shmuel De-Leon Batteries, Super-Capacitors, Fuel-Cells & EV's Weekly Newsletter

November 15, 2019, No. 515

Sent to more than 150,000 Energy Storage industry members  
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### ***Battery Training***

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18-19/11/2019, 5th Li-Ion Cells Manufacturing Seminar, Rochester, NY,  
USA, [Program](#)

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25-26/11/2019, 2 Days Battery Seminar, Wezep, Netherlands, [Program](#)

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10/12/2019 Battery Safety Tutorial as part of 5th Annual Sensor Summit,  
San Diego, CA, USA, [Program](#)

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14/1/2020 Battery Safety Tutorial as part of AABC Europe, Wiesbaden.  
Germany [Program](#)

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21-22/1/2020 2nd Li-Ion Solid Electrolyte & Lithium Metal (Liquid & Solid electrolyte) Rechargeable Cells Manufacturing Seminar (USA). [Program](#)

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10/2/2020 Battery Safety Tutorial as part of NAATBatt 2020 Annual Meeting & Conference, Pasadena, CA, USA [Program](#)

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19-20/2/2020 2nd Solid Electrolyte Li-Ion Cells Production Technology Seminar Europe, Germany [Program](#)

### ***Special Offers***

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

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

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

[Lithium battery fire sparks closure of recycling facility](#)

[Battery Plant to Move FCA Farther Down Electric Path](#)

[Airbus Invests In Advanced Battery Developer Amprius](#)

[Japan's Panasonic profit drops on trade war, Tesla battery business in red](#)

[Poor consumption slowed operation at lead-acid battery makers for 3rd week](#)

[Fraunhofer to set up a new research facility for battery cell production](#)

[This Swiss startup is battling climate change by rethinking batteries for Africa](#)



[AMETEK Specialty Metal Products](#) manufactures **99.98% Purity Nickel Strip** made by wrought Powder Metallurgy technology. Our process produces high conductivity materials used in collectors and connector tab for many battery chemistries and offers major advantages in rechargeable battery production:

- Highest Conductivity Nickel
- Consistent Chemistry Control

- Standard and Custom Sizes & Tempers
- Short Lead-times
- Small Minimum Order Sizes

Find out more [here](#)

[Bitrode introduces new high-voltage battery pack testing system](#)

[Tesla Gigafactory 1 battery cell production ramping up, but efficiency improvement delayed, says Panasonic](#)

[E-cigarette fire risk leads Hennepin Co. to curb battery recycling](#)

[Husqvarna makes advancements in battery and handhelds](#)


### ***Raw & Battery Materials news***

[PPG Announces Investment in Cleveland Automotive Adhesives and Sealants R&D Facility](#)

[Arkema increases its Kynar® PVDF capacity dedicated to the battery market](#)

**NANOMYTE® Cathode & Anode Electrode Sheets**

Standard & Custom options | Ships direct to you | See what's in stock >>



[NEI Corporation](#) supplies cathode and anode electrode sheets for lithium-ion batteries in packages of 2, 5, and 10 sheets. Standard sheets are ready-to-ship or can be customized to your specification. Request your quote today!  
<https://www.neicorporation.com/products/batteries/cathode-anode-tapes/>

[New 'environmentally friendly' lithium-ion battery recycling facility to open in Singapore](#)

[ZEN Graphene Solutions Reports Preliminary Results for Graphene Aerogel Battery Tests](#)

### ***xEV`S News***

[BMW orders hybrid drives from Magna](#)

[PSA and Fiat Chrysler agree on merger](#)

[Uber's New Delivery Drone Has A Battery Life Of Just 8 Minutes And Absolutely Reeks Of Vaporware](#)

[How electric cycle rickshaws are driving the e-mobility boom in West Bengal](#)

[Xing Mobility presents electric drive for boats](#)

[Forget electric cars, China is making electric planes](#)

### ***Chargers News***

[Tesla's 2,000th supercharger in mainland China installed in Shanghai](#)

[New charging technique could power an electric car battery in 10 minutes](#)

[Honda announces plans for electric scooters, battery swap stations](#)

### ***Grid Energy Storage News***

[Maoneng, AGL ink deal for 200 MW/400 MWh of battery storage capacity](#)

[SolarEdge makes a big break for batteries as the rules of PV shift](#)

### ***Fuel Cells News***

[Cummins presents scalable fuel cell truck concept](#)

[Daimler Sees Hydrogen Fuel Cells as Part of Trucking's Future](#)



[NASA Aerospace Battery Workshop 2019 conference, 19-21/11/2019](#)



Shmuel De-Leon Energy will organize the [8th Israeli Battery Conference & Seminar](#) in Kefar-Saba, Israel, 16-18/12/2019.

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12-16 JANUARY 2020 | WIESBADEN, GERMANY  
The AABC Group Ltd.

[AABC Europe 2020 conference, Wiesbaden, Germany – 12-16/1/2020](#)

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Amprius and Shmuel De-Leon Energy will organize the [Amprius Forum Battery Event](#) to present Amprius company and products to invited attendants.  
20/1/2020, Fermont, CA, USA

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NAATBatt 2020, the 11th annual meeting of NAATBatt International, will be held February 10-13, 2020, at the Langham Huntington Pasadena hotel in Pasadena, CA. The program will focus on the advanced battery market in North America across multiple applications, including motive, ESS, military, consumer and industrial. The latest market trends, forecasts and technologies will be reviewed by leading experts in advanced battery markets and technologies. See: <https://naatbatt.org/2020conference/>

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## 11th Int'l Rechargeable Battery Expo **BATTERY JAPAN**

[BATTERY JAPAN 2020](#) is the Japan's largest B-to-B trade show for rechargeable battery industry to be held in Tokyo. The show scale has been increasing year after year and we are expecting to welcome 1,600\* exhibitors & 70,000\* visitors from all over the world. (\*incl. concurrent shows)  
Exhibit & Visit the show to expand your business in Japan and Asia!

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f-cell+HFC April 1+2, 2020 The Hydrogen and Fuel Cell Event being held at the prominent Vancouver Conference Centre. 50+ International Speakers, Trade Fair, Workshops and a celebrated Evening Event are included. Participate as a Sponsor, Exhibitor, or as a Visitor at this Canadian highlighted networking event. Follow us on social media #fcellhfc and watch the options grow on our website [www.hyfcell.com](http://www.hyfcell.com)

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[International Battery Seminar & Exhibit conference 2020, Orlando, FL, USA – 30/3-2/4, 2020](#)

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[Battery Show Europe conference 2020, Stuttgart, Germany – 28-30/4/2020](#)

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RRC Power Solutions GmbH and Shmuel De-Leon energy are pleased to invite you to participate in the [3rd Medical battery conference](#), which will take place at the Hotel Columbus, Seligenstadt, Germany on May 4-5, 2020. The Conference for Medical batteries will meet to discuss and provide a platform for technological innovations and business opportunities with the latest updates in that fields in Germany and abroad. The conference is held once a year and is the leading and the only Medical Battery dedicated conference, bringing together participants from leading private and public battery and companies, start-ups, investors, academics and businesses that are interested in the Medical battery field.

Conference Web Site: <http://www.medicalbatteryconference.com/>

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The 11<sup>th</sup> International Conference on Lead-Acid Batteries [LABAT'2020](#) will be held **9-12 June 2020 in the magnificent Golden Sands resort on the Bulgarian Black Sea coast** ([www.labatscience.com](http://www.labatscience.com)). LABAT is a globally recognized scientific forum gathering leading battery experts, technologists and academic researchers from all over the world. LABAT'2020 technical sessions will once again offer an insight into the latest research achievements and development trends in the field of lead-acid battery manufacture, operation and recycling, while the exhibitionfair will present a perfect opportunity to showcase your new products and services.

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[49th Power Sources Conference](#), 15-18 June 2020, Sawgrass Marriott Resort, Jacksonville, FL, USA

The Power Sources Conference is the oldest continually held biennial conference devoted to research and development of power source, energy conversion, power distribution and management technologies for military use. The conference goal is to bring Government, industry and academic researchers and developers together to discuss advances in power and energy technologies to support the growing power demands of military platforms and electronic systems.



The eleventh International Flow Battery Forum will be held in Düsseldorf, Germany from 30<sup>th</sup> June – 2<sup>nd</sup> July 2020. The IFBF is the major international conference covering all aspects of flow battery research, development, technology, manufacturing and commercialization. Volterion and John Cockerill will be hosting visits to flow batteries after the conference. **The call for papers opens on 1 December 2019:** <https://flowbatteryforum.com/call-for-papers/>



Battery Cells & System Expo 2020 - A major exhibition and conference for the advanced battery industry launches on 8<sup>th</sup> - 9<sup>th</sup> July 2020 at the NAEC Stoneleigh, Warwickshire UK. This international showcase of manufacturers, users and the entire supply chain working to increase battery performance, cost and safety will gather in the heart of UK manufacturing.



**f-cell Stuttgart, September 29+30, 2020 – the annual event for hydrogen and fuel cell professionals**

The networking event consists of a leading conference, providing an up to date overview of relevant hydrogen and fuel cell markets and technologies

worldwide; an international trade fair, interactive workshops and topic tables, thus offering active networking opportunities. Register online for the conference or contact us to discuss your involvement. [www.f-cell.de](http://www.f-cell.de)

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