

# Shmuel De-Leon Energy Ltd

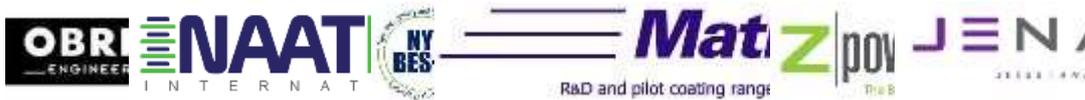


## Shmuel De-Leon Energy - Battery Weekly Newsletter

February 14, 2020, No. 528

Sent to Battery industry members since 1/2010, [Join our mailing list](#)

### *Our advertisers & sponsors*



### ***Battery Training***

---

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

---

30/3/2020 Battery Safety Tutorial as part of Florida International Battery Seminar, Fort-Lauderdale FL, USA [Program](#)

---

5/5/2020 Battery Safety Tutorial as part of 3rd Medical Battery Conference, Seligenstadt, Germany [Program](#)

---

3-4/6/2020 Battery Seminar, Le Bourget Du Lac, France, [Program](#)

---

8/6/2020 Battery Safety Tutorial as part of AABC USA 2020 Conference San Diego, CA, USA [Program](#)

---

18-19/6/2020 6th Li-Ion Cells Manufacturing Seminar, Rochester, USA [Program](#)

---

### ***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](#)

[fr free 30 days trial](#)

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

[Thinfilm Updating Corporate Strategy](#)

[Obrist Shows There Are Easier Ways To Increase Energy Density](#)

[Braille Energy Systems Inc. Launches G30H GreenLite Lithium Battery for the Large Harley Davidson Touring Motorcycle](#)

[Samsung SDI Swung to Net Loss in 4Q on Sluggish Demand for Small Batteries](#)

[Total-Peugeot joint venture aims for 10-15% of electric vehicle battery market](#)

[Opel to build battery cell plant in Kaiserslautern](#)

[Tesla up 20% after Panasonic posts first quarterly profit at battery business](#)

[Toyota designs electric car with batteries reusable in homes](#)

[SK batteries to become more ethical](#)

[AKASOL supplies battery packs for German fuel cell trains](#)

[NEW HIGH TEMPERATURE TECHNOLOGY FROM CUSTOMCELLS®](#)

[The Battery Supply Problems Faced by Electric Air Taxis](#)

[Nehttps://www.manmonthly.com.au/uncategorised/new-lithium-batteries-deployed-uk/](https://www.manmonthly.com.au/uncategorised/new-lithium-batteries-deployed-uk/) lithium batteries to be deployed by UK

[LG Chem's operating profit dips 60% in 2019 on battery woes](#)

[Shift in UK's EV policy to boost battery material demand](#)

[ALSTOM SA: Alstom signs first contract for battery-electric regional trains in Germany](#)

[France and Germany launch pilot plant for electric car batteries](#)

[Samsung wants to supply key players with coin cell wearable batteries](#)

[EU Battery Directive to be revised in Q4 2020](#)

[New grading system for Li-ion batteries](#)

[Samsung SDI Expands Battery Sales In Q4](#)

[2021 Tesla Model S, Model X Getting "Two New Battery Types"](#)

[Mahindra electric vehicles to get more affordable: Indian battery plant announcement in next 12-18 months](#)

[The Battery Design Smarts Behind Rolls Royce's Ultrafast Electric Airplane](#)

[CATL Confirms It Is Supplier of Lithium Power Batteries to Tesla's Shanghai Plant](#)

[The Canberra Battery Test Centre's 7th Report: 83% Faulty](#)

[Korean Battery makers forecast better 2020](#)

[Oxis Energy battery cells nearing aviation applications](#)

[Canada can be a leader in the global electric-car battery market](#)

[Toyota and Panasonic join forces to produce batteries for EVs – including solid-state batteries](#)

[PSA Group And Saft Announce Two EV Battery Gigafactories](#)

[Tesla quietly completes Giga Shanghai's battery and powertrain factory shell](#)

[Depot employees build a better battery pack](#)

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

[Fast charging powerbank features Tesla graphene batteries](#)

[Talga scales up pilot production as Europe's big EV players line up for battery anode samples](#)

[Li-Cycle sets up its first US-based Li-ion battery recycling center in NY state](#)

[Enhancing high-nickel layered oxide cathodes for lithium-ion batteries](#)

[EcoPro BM secures \\$2.08 bln deal to supply cathode material for SK Innovation's electric vehicle batteries](#)



NEI Corporation offers cathode, anode, & solid electrolyte materials for Lithium and Sodium-ion batteries, as well as cell fabrication and testing services. [Learn More »](#)

[ADVANO RAISES \\$18.5M; PRODUCTION READY RECYCLABLE SILICON ANODE HOLDS 10X MORE LITHIUM](#)

[European Countries That Are Leaders In Battery Recycling](#)

[China's GEM to Supply 100,000 Tons of Lithium Battery Materials to Korea's Ecopro](#)

[Hydro-Québec partners with Mercedes-Benz on Development of Solid-State Battery Technologies](#)

[Electrovaya Acquires Key Ceramic Separator Patents for Lithium Ion Batteries](#)

[Stanford's stretchy battery](#)

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

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

[NEC Energy Solutions Announces the Completion of 4MW Energy Storage Project in Tusimice, Czech Republic](#)

[Qld battery to match Elon Musk's in SA](#)

[Korean flow battery company signs JV agreement for 200MWh US factory](#)

[Saft JV pilots EV batteries, Gravity storage demonstrator, Honolulu microgrid 'Sandbox'](#)

[Waaree ESS begins supply of Lithium Ion Batteries](#)

[Innogy Builds its 1st Battery Storage Facility in Ireland](#)

[Solar + Redflow batteries to slash costs, beat heat at outback cattle station](#)

[Eaton launches 5P rackmount lithium-ion UPS](#)

[Briggs & Stratton Introduces Electrification Solutions](#)

[China to build 'Europe's largest battery storage scheme' in Wiltshire](#)

[Renault batteries find 'megawatt-scale' 2nd life use in Belgium](#)



Battery Electric Vehicle Architectures (BEVA) Detroit Congress. 26-27 February, 2020, Detroit, Michigan, USA , [www.beva-detroit.com](http://www.beva-detroit.com)  
BEVA Detroit is designed specifically to deliver realistic commercial options, technology strategies and engineering solutions in the way forward to mass market adoption of electric vehicles.

### 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!



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)



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



The Battery Technology Show & Future of Electric & Hybrid Vehicles, 21-23 April 2020

Co-located with WCX in Detroit, The Battery Technology Show brings together thousands of delegates to discover the latest developments. The event's two conference tracks will also allow visitors to hear from some of the leading companies and individuals shaping the forthcoming revolution.

[www.batterytechnologyusa.com](http://www.batterytechnologyusa.com)



You have the technology to make Electric & Hybrid Aircraft fly. But what about commercial viability, certification & implementation? Join the discussion on the reality of electrification of PAM, UAM, regional & narrow-body aircraft at our: ELECTRIFICATION OF AEROSPACE DAYS EUROPE/E & H AIRCRAFT South of France 2020 27.-28.04.2020, Toulouse, France: <https://aerospace.euveris.eu/electric-eu/>



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



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/>

---



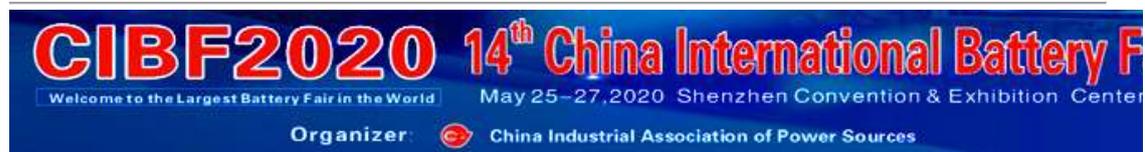
More Electric Aircraft USA

May 12-14, 2020 Washington DC, USA

Pushing electrification of aviation by upscaling electric airplanes and discussing infrastructural needs

During a full three-days-program with lectures and interactive workshops, you will meet international experts to discuss, hear and learn about their experiences and challenges in the fields of More Electric & Hybrid Aircraft.

Download Agenda: <http://bit.ly/38sZiqJ>



China Industrial Association of Power Sources will hold the "14th China International Battery Fair ([CIBF2020](#))" with over 110,000 m<sup>2</sup> area & 1350 exhibitors & over 5500 booths on May 25 to 27, 2020 in Shenzhen.

CIBF2020 will be accompanied by the 5th China Energy Storage Exhibition and 3rd China Power Bank Exhibition. The theme of CIBF2020 technical conference will be "power batteries and energy storage batteries", focusing on electric vehicle batteries and micro-grid, smart grid and energy storage battery with a variety of the latest developments. There will be 1500 people from more than 50 countries and regions attend the meeting.



ACI's European Electric Vehicle Batteries Summit will be taking place in Rotterdam, the Netherlands on 3rd – 4th June 2020.

The conference will look at **'Advancing Battery Performance While Driving Down Production Costs: Unleashing The Power of Electric Mobility'**.

For more information or to register your attendance contact Marcin Janecki at [mjanecki@acieu.net](mailto:mjanecki@acieu.net) or phone +48 61 646 7047.

---



[AABC USA](#) Conference, 8-11/6/2020, San-Francisco. CA. USA



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 exhibition fair will present a perfect opportunity to showcase your new products and services.



[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. We are delighted to confirm the support of John Cockerill and Volterion as hosts for our visits at IFBF 2020. There will be an evening visit to one of Volterion's sites on

Thursday 2<sup>nd</sup> July and on Friday 3<sup>rd</sup> July we will visit John Cockerill's site at Seraing in Belgium .**The call for papers is open .To submit your abstract visit :<https://flowbatteryforum.com/submit-abstract> .**The deadline for submissions is 31<sup>st</sup> January 2020 .

---



Battery Cells & System Expo 2020 - A major exhibition and conference for the advanced battery industry launches on 8th - 9th 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.

---



#### *BATTERY CONFERENCE AND EXHIBITION*

*The Battery Experts Forum 29/9-1/10/2020 is the most important event for battery technology. The event takes place annually at Forum Messe Frankfurt. Over 100 experts from the leading battery manufacturers and users provide information on the newest trends, product developments and solutions. The event will be accompanied by a specialized exhibition with more than 160 exhibitors, who are among the most important companies in the entire battery supply chain. [www.battery-experts-forum.com](http://www.battery-experts-forum.com)*

---



#### **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)

---



The Battery Technology Show, 21-22 October 2020

The leading event for battery and EV innovation in the UK, now in its third

year attracting companies from around the world Our two conference tracks - The Future of Battery Technology and The Future of Hybrid & EV - allow delegates to hear from the leading protagonists in battery technology in the heart of the UK's automotive and manufacturing base.

[www.batterytechnologyshow.com](http://www.batterytechnologyshow.com)

---



The 5th FENIBAT will gather in Londrina, Paraná, Brazil, from May 23 to 25, 2021, the Brazilian and Latin American battery and lead recycling industry with its international suppliers through its Expo and Conference.

The FENIBAT public includes not only industrialists, high management and investors but also middle-managers, supervisors and technicians of Administration, Purchasing, Production, Maintenance, Projects and Product Development, Quality Control, Laboratories, Metrology, Work Health and Safety, Environment, etc.;

In this issue, we will also have, as part of FENIBAT, the 1st FENILITIO, a part, in the Exhibition and Conference, dedicated to new battery chemistries that are under development.

---

**Shmuel De Leon Energy**

10 Mazal-Arie Street, Hod-Hasharon, Israel 45309 972-77-5010792

[www.sdle.co.il](http://www.sdle.co.il) [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

*Copyright © 2020 Shmuel De-Leon Energy. Ltd, All rights reserved.*

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).