

## Summary:

The NAATBatt 2011 Annual Meeting is scheduled for September 7-8 in Louisville, Kentucky. Go to: <http://events.constantcontact.com/register/event?llr=5kjlyfdab&oeidk=a07e3yxwr9k4d31bff3> for more information and to register.

For the August 26<sup>th</sup> issue of NAATBatt's Advanced Battery Weekly, we highlight the ongoing sector activities.

The NAATBatt Index increased a modest 1.4%, while the U.S. and Asia Battery Indices were down 13.8% and 10.5%, respectively. The S&P500 and Russell 2000 decreased 6.7% and 9.4%, respectively.

Executive Director James Greenberger writes about the export opportunity that developing markets may represent for U.S. advanced battery manufacturers. Read "**Exports May Be A Big Opportunity for U.S. Advanced Battery Manufacturers**" in the Executive Director's Notes section of this newsletter below. The upcoming 2011 NAATBatt Annual Meeting and Conference will focus a portion of its program on battery export opportunities and on government programs to promote them.

## Key Highlights:

- **General Motors** and **LG Group** have signed a definitive agreement to jointly design and engineer future electric vehicles (EVs). This expands on the relationship built on LG's work as the lithium-ion (li-ion) cell supplier for the **Chevrolet Volt** and **Opel Ampera**.
- **United Parcel Service (UPS)** announced the purchase of 100 electric delivery vehicles for deployment in **California**. The vehicles will be purchased from **Electric Vehicles International (EVI)** with **Valence Technology** supplying the li-ion batteries.
- **ALTe** announced a long-term supply agreement with **A123 Systems** for li-ion battery packs to be integrated into the company's range-extended hybrid electric powertrain systems. The packs could increase fuel economy by up to 200%.
- **Ford** and **Toyota** will equally collaborate on the development of an advanced new hybrid system for light truck and SUV customers. The companies have signed a memorandum of understanding (MOU) on product development collaboration, with the formal agreement expected by next year.
- **Hertz Global Holdings** is planning to partner with **General Electric** in offering EVs in **China** and expanding the charging networks needed to run them. An agreement to be signed in **Shanghai's "Auto City"** of **Anting** comprises the building of 770 charging stations in major Chinese cities including **Shanghai** and **Beijing**.
- **BYD** is seeking partners in **Taiwan** for manufacturing electric buses (ebuses) for shipment to the **U.S.** and **European** markets. The company is joining a number of other mainland Chinese vehicle makers that are investing in Taiwan; mainly in the fields for car, truck, and ebus power systems.
- **Hertz** and **Marriott** have introduced EV car sharing at the **San Francisco Airport Marriott Waterfront**. The hotel amenity enables guests and local area residents to drive a wide range of new EV models made available on an hourly or daily basis through "**Hertz On Demand**" car sharing.

- **Keio University** in **Tokyo** has been testing an eight-wheel ebus since April. The **Toshiba SCiB** batteries and inverter have been built into an **Isuzu**-designed aluminum frame. **AAA** has unveiled its **North America's** first roadside assistance for EVs. A service truck can provide 10 to 15 minutes of charge time to AAA members.
- **Cadillac** unveiled the **Ciel** convertible concept. The EV hybrid has a 3.6-liter direct-injection V6 engine paired with a li-ion battery.
- **Rice University** researchers have created a solid-state, nanotube-based supercapacitor that is suitable for extreme environments and can be integrated into the manufacturing of devices. Traditional **electric double-layer capacitors (EDLCs)** rely on liquid or gel-like electrolytes that can break down in very hot or cold conditions. The Rice supercapacitor, a solid, nanoscale coat of oxide dielectric material replaces electrolytes entirely.
- Researchers at **Nanotek Instruments** and subsidiary **Angstrom Materials** have developed '**graphene surface-enabled li-ion-exchanging cells**' or '**surface-mediated cells**' (**SMCs**) that contain very large graphene surfaces that enable rapid shuttling of large numbers of ions between electrodes -- resulting in a fast recharge time.
- A charging station has opened in **Saugatuck's Luciano Park** on **Charles Street, Westport** is the first municipality in **Connecticut** to install a charging station as part of its participation in a **Connecticut Light & Power** research study.

## A Few More Details:

General Motors and LG Group have signed a definitive agreement to jointly design and engineer future EVs. This expands on the relationship built on LG's work as the li-ion cell supplier for the Chevrolet Volt and Opel Ampera. The joint effort will enable GM to broaden its EV offerings by using LG's li-ion batteries and other systems. For LG, the arrangement represents a widening of its portfolio as an automotive solution provider.

*Source: General Motors*

UPS announced the purchase of 100 electric delivery vehicles for deployment in California. The vehicles will be purchased from EVI with Valence Technology supplying the li-ion batteries. The EVs will have a 90-mile range and displace an estimated 126,000 gallons of fuel a year that would have been burned running diesel trucks. UPS operates one of the largest private fleets of alternative fuel vehicles in its industry with more than 2,200 in total.

*Source: UPS*

ALTe announced a long-term supply agreement with A123 Systems for 21.6 kilowatt-hour (kWh) li-ion battery packs to be integrated into the company's range-extended hybrid electric powertrain systems. The packs could increase fuel economy by up to 200%. The powertrain is targeted toward the light truck market (including full size pickups and vans) with a focus on commercial, government and utility fleets. The system is expected to provide an initial 30 miles of driving in an all-electric mode, and an estimated additional 270 miles in a charge-sustained mode before the vehicle would need to be either refueled or plugged in.

*Source: ALTe LLC*

Ford and Toyota will equally collaborate on the development of an advanced new hybrid system for light truck and SUV customers. The companies have signed an MOU on product development collaboration, with the formal agreement expected by next year. Under the MOU agreement, the companies will bring the best of their independently developed hybrid powertrain technology and knowledge. Specifically, Ford and Toyota will jointly develop as equal partners a new rear-wheel drive hybrid system and component technology for light trucks and SUVs and independently integrate the new hybrid system in their future vehicles separately.

*Source: Toyota Motor and Ford Motor*

Hertz Global Holdings is planning to partner with General Electric in offering EVs in China and expanding the charging networks needed to run them. An agreement to be signed in Shanghai's "Auto City" of Anting comprises the building of 770 charging stations in major Chinese cities including Shanghai and Beijing. The plan aligns with the government's effort to promote commercialization of new energy vehicles as a way to reduce oil imports and help curb pollution. Among the vehicles that Hertz will offer is the BYD E6.

*Source: Associated Press*

BYD is seeking partners in Taiwan for manufacturing electric buses (ebuses) for shipment to the U.S. and European markets. Discussions have begun with several potential local partners. The company is joining a number of other mainland Chinese vehicle makers that are investing in Taiwan; mainly in the fields for car, truck, and ebus power system. Ruihua Group of Shanghai is partnering with local partners, including Pony Rent, in developing electric-car power system.

*Source: Taiwan Economic News*

Hertz and Marriott have introduced EV car sharing at the San Francisco Airport Marriott Waterfront and the first EV car rental program in downtown San Francisco. The hotel amenity enables guests and local area residents to drive a wide range of new EV models made available on an hourly or daily basis through “Hertz On Demand” car sharing. In addition, the hotel and Hertz’s Mason Street location will have a series of electric vehicles available for hourly rental ranging in price from \$6 to \$8.

*Source: The Hertz Corporation*

Keio University in Tokyo has been testing an eight-wheel ebus (as shown in **Exhibit 1**) since April. The Toshiba SCiB batteries and inverter have been built into an Isuzu-designed aluminum frame. The bus has a range of about 75 miles. The ebus project was commissioned by the Ministry of the Environment, and the development team also includes the Kanagawa Bus Association, Bridgestone, and unnamed parties.

### Exhibit 1: The Eight-Wheel Ebus



*Source: IB Times*

Cadillac unveiled the Ciel convertible concept (as shown in **Exhibit 2**). The EV hybrid has a 3.6-liter direct-injection V6 engine paired with a li-ion battery. The French-style doors open in opposite directions without a B-pillar to show off the interior’s Italian olive wood, machined aluminum and hand-tipped leather. The Ciel is shorter and narrower than the discontinued DTS sedan, which was Cadillac’s largest car.

*Source: Detroit Free Press*

### Exhibit 2: The Ciel Concept Vehicle



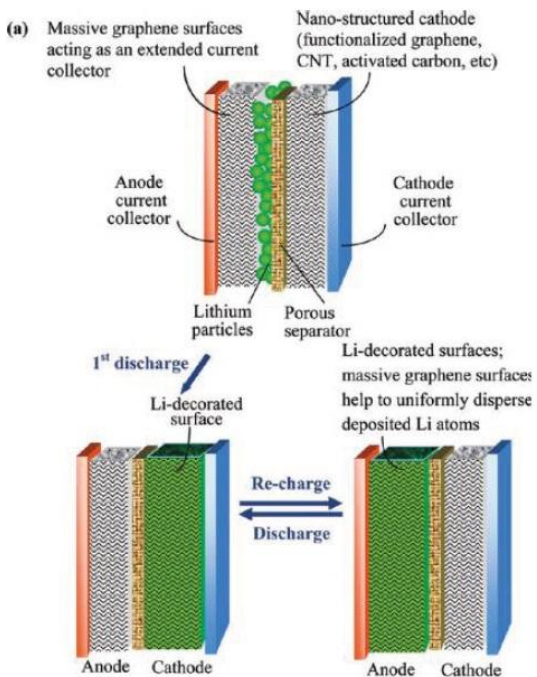
*Source: Cadillac*

Rice University researchers have created a solid-state, nanotube-based supercapacitor that is suitable for extreme environments and can be integrated into the manufacturing of devices (ranging from on-chip nanocircuitry to powerplants). Traditional EDLCs rely on liquid or gel-like electrolytes that can break down in very hot or cold conditions. The Rice supercapacitor, a solid, nanoscale coat of oxide dielectric material replaces electrolytes entirely.

*Source: Rice University*

Researchers at Nanotek Instruments and subsidiary Angstrom Materials have developed 'graphene surface-enabled li-ion-exchanging cells' or 'surface-mediated cells' (SMCs), which contain very large graphene surfaces that enable rapid shuttling of large numbers of ions between electrodes -- resulting in a fast recharge time (as shown in **Exhibit 3**). The SMCs can deliver a power density of 100 kilowatt/kilogram (kW/kg) cell, which is much higher than that of commercial li-ion batteries and 10x higher than that of super capacitors. The higher the power density, the faster the rate of energy transfer (resulting in a faster recharge time). The new cells can also store an energy density of 160 Wh/kg cell.

### Exhibit 3: A Schematic of an SMC Mechanism

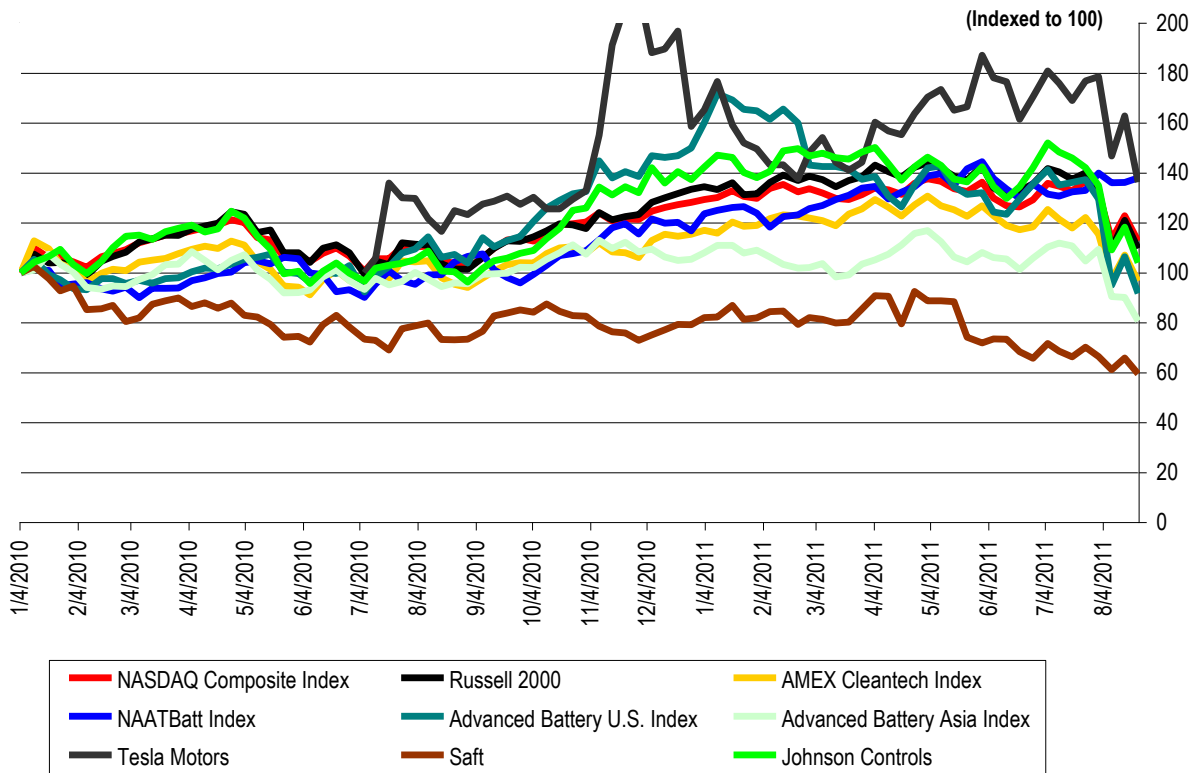


Source: American Chemical Society

A charging station has opened in Saugatuck's Luciano Park on Charles Street. Westport is the first municipality in Connecticut to install a charging station as part of its participation in a Connecticut Light & Power research study. The town is the first of more than 20 towns and businesses participating in the study to install the electric charging station. The electricity needed to fully recharge an EV battery costs about \$3, which will power the vehicle for 100 miles.

Source: Minuteman News Center

**Exhibit 4: Indices Performance  
(From January 4, 2010)**

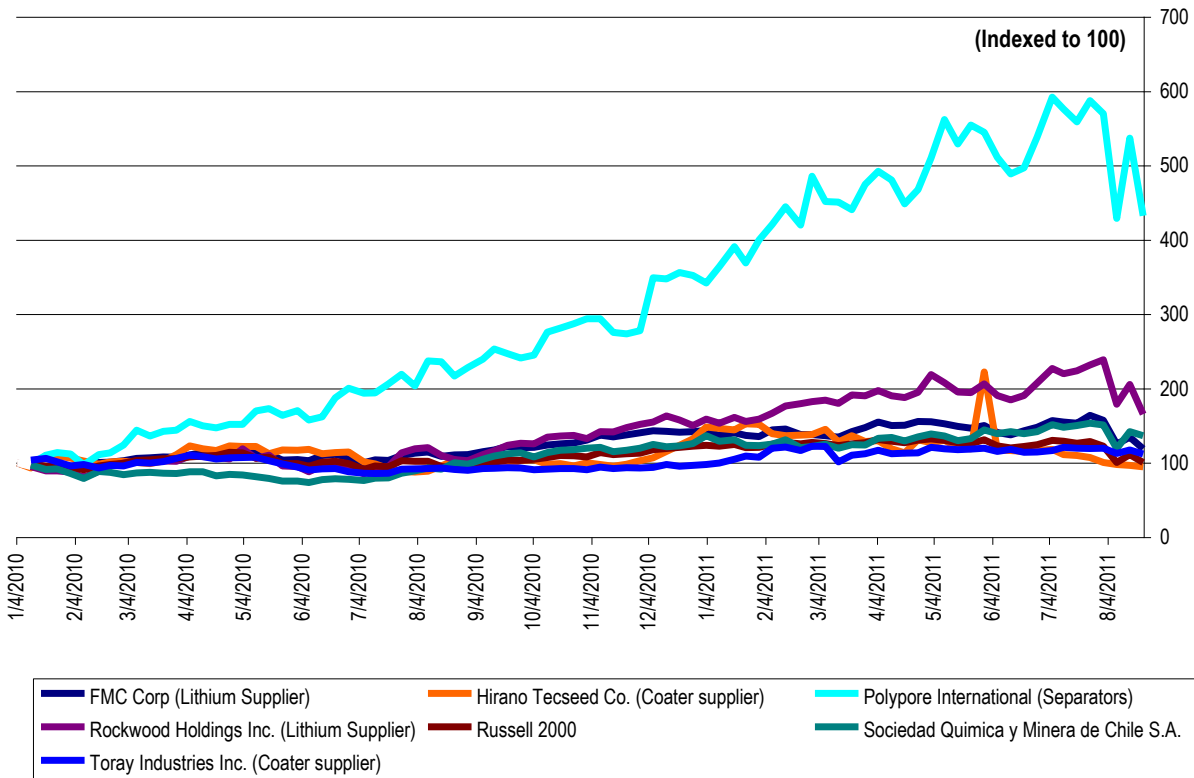


Index	Close on 8/22/2011	52-Wk High	% of 52-Wk High	Performance		
				LTM	YTD	Week
Dow	10,854.7	12,928.5	84.0%	6.3%	(7.0%)	(5.5%)
S&P 500	1,123.8	1,370.6	82.0%	4.7%	(11.6%)	(6.7%)
NASDAQ	2,345.4	2,887.8	81.2%	7.2%	(12.9%)	(8.2%)
Russell 2000	651.3	868.6	75.0%	6.1%	(18.4%)	(9.4%)
AMEX Cleantech Index	947.4	1,292.4	73.3%	0.5%	(17.5%)	(9.8%)

Source: Bloomberg and ThomsonOne

Note: The select NAATBatt Index is a market-value-weighted average and includes ALTI, BASF, COP, ENS and XIDE. The Advanced Battery U.S. Index is a market-value-weighted average and includes HEV, MGA, MXWL, UQM and VLNC. The Advanced Battery China Index is a market-value-weighted average and includes BYD, CBAK, GS Yuasa, LG Chem and Panasonic.

**Exhibit 5: Supplier Performance**  
(From January 4, 2010)



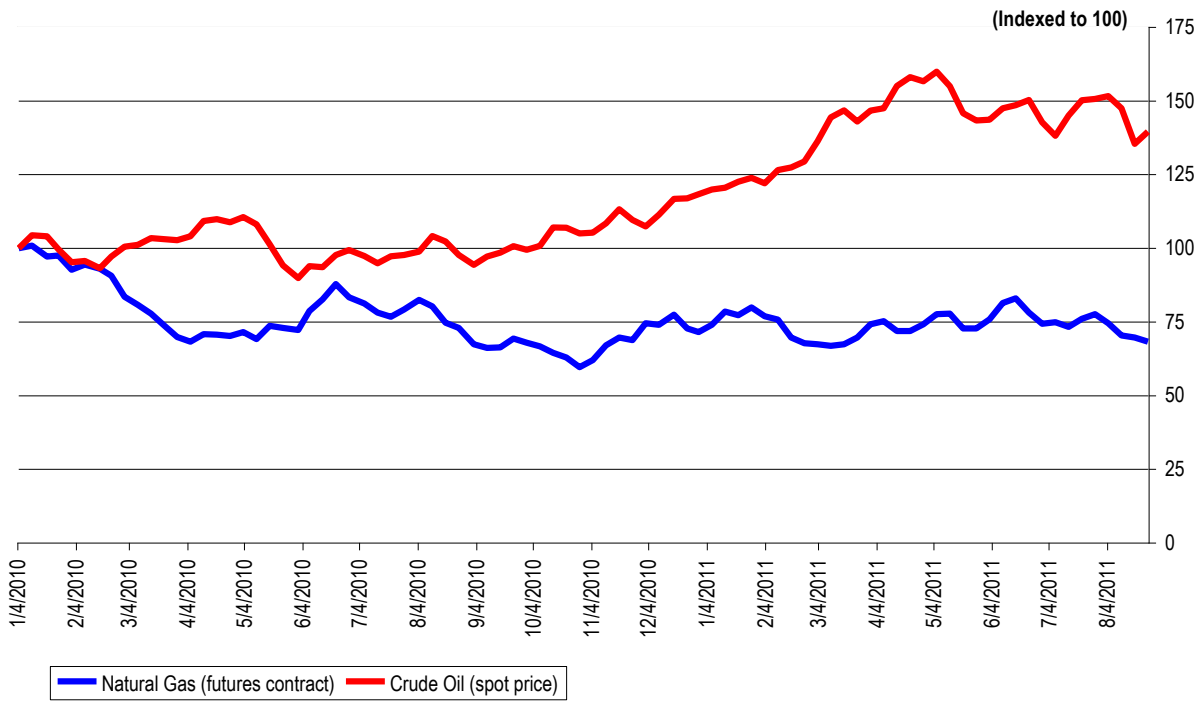
Source: Bloomberg

**Exhibit 6: Commodity Prices**

Commodity	Price on 8/22/2011	Price on 8/15/2011	Price on 7/22/2011	1 Week Change	1 Month Change
LME Copper (Cash, \$ per tonne)	8,811	8,823	9,698	(0.1%)	(9.1%)
LME Lead (cash, \$ per tonne)	2,295	2,353	2,707	(2.5%)	(15.2%)
LME Nickel (cash, \$ per tonne)	21,070	21,375	24,050	(1.4%)	(12.4%)

Source: LME

**Exhibit 7: Natural Gas and Crude Oil**  
**(From January 4, 2010)**



Source: EIA

## Executive Director's Notes



### **EXPORTS MAY BE A BIG OPPORTUNITY FOR U.S. ADVANCED BATTERY MANUFACTURERS**

Over the past few months several analysts have predicted dire times for the U.S. advanced battery industry. Most negative assessments point to a purported government-funded overbuilding of manufacturing capacity for advanced lithium-ion batteries relative to the small and slowly developing domestic market for such products.

It is certainly true that the domestic market for electric vehicles and grid-connected energy storage, which was the target of much of the recent capacity build-out, will be slower to develop than many had hoped. The domestic automotive and electricity markets are among the most mature and complex sectors of the American economy. In mature markets, new technology tends to bring incremental improvements to systems that already work quite well. As a consequence, appetite for risk in these sectors is low. New technologies are adopted slowly and carefully and with a degree of deliberation that often seems agonizingly slow.

But analysts who have looked at these mature U.S. markets and predicted doom for domestic advanced battery manufacturers have overlooked a potentially important factor: export markets, particularly in the developing world.

At first blush, the idea of finding lucrative markets in developing countries for advanced U.S. technology that the domestic U.S. markets are still largely unwilling to adopt sounds bizarre. But there is logic to it. In developing countries where the electricity grid is not large, complicated and reliable, investments in grid-connected energy storage will have a noticeable and immediate impact on reliability. Moreover, even relatively expensive grid-connected energy storage systems may be seen by developing world grid operators as a less expensive investment than investing in the incumbent technology necessary to bring their grid to First World standards.

The obvious analogy is to wireless telephone technology. Many developing countries have simply given up on building the large and complicated fixed-line telephone infrastructure that is still the core of First World communications systems. As a consequence, the ratio of mobile phone subscriptions to fixed-fixed line phone subscriptions in the developing world is significantly higher than in much of the developed world.

A similar phenomenon may also develop in electric vehicles. To date, China has invested more money in electric drive technology than any other country. Driving that investment is the Chinese government's

calculation that existing petroleum supplies and infrastructure will be insufficient to permit Chinese consumers to adopt motor vehicles at rates enjoyed by developed world consumers. Electric drive is a way to bridge that gap. The governments of other, if perhaps not quite as rapidly growing, developing countries will undoubtedly make the same calculation.

The interest of the developing world in electricity storage, both grid-connected and mobile, could be a big opportunity for U.S.-based advanced battery manufacturers. Rather than being defined, and having their fates dictated, by mature and slowly growing domestic markets, those manufacturers may be able to take advantage of an export market that could, in the short term, represent a much better opportunity than domestic sales.

The U.S. government is waking up to this possibly good news story. At the 2011 NAATBatt Annual Meeting and Conference on September 7-8, 2011 in Louisville, representatives of the U.S. Department of Commerce, The Export-Import Bank of the United States and the International Finance Corporation (a division of the World Bank) will talk about programs and incentives, which can help U.S. battery manufacturers, take advantage of growing foreign markets for their products. In addition, Terry Copeland, CEO of Altairnano Technologies, and Chris Cowger, CEO of Ener1 will talk about how they see opportunities for advanced energy storage in the export market. Both Altairnano and Ener1 have recently focused on those markets with some success.

All of this, of course, may leave a number of New York-based analysts (none of which, other than Needham and Lux, have registered to attend the meeting in Louisville) with egg on their faces. While the success of U.S. advanced battery manufacturers in foreign markets is by no means assured, it is the kind of opportunity that can produce needed sales for the industry. The opportunity must be explored. Go to the link for the 2011 Annual Meeting and Conference on [www.naatbatt.org](http://www.naatbatt.org) to see how to be part of that exploration.



James J. Greenberger  
Executive Director

August 26, 2011



## NAATBatt Membership Applications for 2011

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### **2011 Membership Applications and Dues Structure**

NAATBatt is accepting applications for membership for the 2011 calendar year. Membership dues for 2011 are \$10,000 for Corporate Members, \$10,000 for OEM Members, \$10,000 for Utility Members, \$5,000 for Associate Members, \$1,000 for Individual Members, and \$500 for Non-Profit/Government Members. Please click on <http://naatbatt.org/membership-inquiry/> and indicate that you are interested in a 2011 membership.

### **Why Join NAATBatt?**

NAATBatt's mission is to grow the market for advanced electrochemical energy storage technology in North America. NAATBatt provides regular educational programming on topics of interest to the advanced battery community, a weekly newsletter chronicling developments in the North American advanced battery market, networking opportunities for industry participants and their customers, including our recently concluded conference on PEV's and the grid, and public policy initiatives, such as the recent NAATBatt-sponsored meeting with Chairman Jon Wellinghoff of FERC and production of written comments to FERC in support of distributed energy storage technology.

NAATBatt recently concluded the highly successful meeting and conference entitled "The Impact of PEV's on T&D Systems: Challenges and Solutions", in Louisville, Kentucky. The conference was the largest cross-industry event to date focused on the impact of plug-in electric vehicles on the grid. The conference outlined the improvements and upgrades that utilities must make to the grid in order for it to accommodate mass-market electric vehicles. The conference emphasized the critical role that grid-connected energy storage can play in promoting vehicle electrification in the United States. Emphasizing the necessary relationship between grid-connected storage and electric vehicles is one of NAATBatt's primary missions.

NAATBatt is a not-for-profit trade association qualified under Section 501(c)(6) of the Internal Revenue Code that is working for the benefit of the entire industry. **Every dollar spent on NAATBatt memberships and programs goes to recouping program costs and to supporting activities intended to benefit the entire advanced battery industry.** At a time when it seems that the only people making money on advanced lithium-ion technology are professional conference organizers, the advanced battery industry should take control of its own market and its own future. NAATBatt exists to market for the industry, not to the industry. But NAATBatt needs your support to do it. Please join us.

## North American Industry Announcements and Calendar

**LAST  
CALL  
FOR  
EXHIBIT  
TABLES!**

**NAATBatt 2011 Annual Meeting and Conference:** NAATBatt's 2011 Annual Meeting and Conference will be held on **September 7-8, 2011** in Louisville, Kentucky. The title of the program is "**New Markets, New Innovations: The Next 5 Years in Advanced Batteries.**" The program will take a hard look at near-term market opportunities for U.S. advanced battery manufacturers. The program will also discuss the possibility of and opportunities for second use of EV batteries. The annual meeting will also feature the **Industry-Academic Advanced Battery Summit** with presentations by some of the top university battery research programs in the United States. Attendees will learn who is working on what in advanced battery research programs in the United States. There is more going on than you think. Information about the 2011 conference is posted on the NAATBatt Web site at: [www.naatbatt.org](http://www.naatbatt.org). Please join us in Louisville in September!

**Presentations and Materials from the Workshop on Distributed Energy Storage Posted:** Presentation materials, handbooks, attendee lists and working group discussion summaries from the recently concluded April 21 DOE/NAATBatt Workshop on Issues in Distributed Energy Storage have been posted on the NAATBatt Web site at: [www.naatbatt.org](http://www.naatbatt.org). The materials are available for review to all Workshop registrants and to all NAATBatt members. If you have lost or never received your password to access these materials, please contact Jim Greenberger at [jgreenberger@naatbatt.org](mailto:jgreenberger@naatbatt.org).

**Speaker Presentations from the NAATBatt 2010 Annual Meeting and Conference are Now Available!** NAATBatt's 2010 Annual Meeting and Conference entitled "The Impact of PEV's on T&D Systems: Challenges and Solutions" was a great success. More than 40 industry experts presented and the conference on topics relating to how the grid was going to accommodate the new load that will be generated by plug-in electric vehicles. Copies of the speaker presentations are available on a secured portion of the conference Web site. Access to the Web site is free to NAATBatt members and conference attendees. Access to the presentations is now available to all other for the price of \$250. Please contact Jim Greenberger at [jgreenberger@naatbatt.org](mailto:jgreenberger@naatbatt.org) for more information about accessing the presentations.

**NAATBatt Membership Information.** NAATBatt is taking applications for membership from well qualified industry participants and supporters. Membership in NAATBatt is a great way to keep abreast of developments in advanced technology batteries and to support the growth of a market for products that could change the world. Your support for NAATBatt programs, newsletters, and committees is essential to the success of our organization and our industry. To inquire about membership, please complete the following inquiry form: <http://naatbatt.org/membership-inquiry/>. NAATBatt will respond with additional information about membership.

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- **NAATBatt 2011 Annual Meeting and Conference: September 7-8, 2011** in Louisville, Kentucky Registration is now open for the 2011 Annual Meeting and Conference, which will include the 1<sup>st</sup> Industry-Academic Advanced Battery Summit. See the note above for more details, or click [here](#).

- **Battery Power 2011:** Battery Power 2011 will be held on **September 20-21, 2011** in Nashville, Tennessee. The show will highlight the latest capabilities, design issues, trends and market forecasts in batteries and battery-powered products and systems. The conference Web site can be viewed at: [http://www.batterypoweronline.com/bppt-conf11/bp11\\_index.php](http://www.batterypoweronline.com/bppt-conf11/bp11_index.php).
- **4th International EV Battery Tech USA: Global Cost Reduction Initiative:** EV Battery Tech USA will be held on **September 21-22, 2011**, in Troy, Michigan. The leading automotive OEM's will attend the conference and discuss how to reduce the cost of EV batteries by specifically evaluating near-term advances in energy density, battery life extension, preventative methods for cell degradation and failure, battery safety improvement and testing. NAATBatt is a supporting organization of the conference and NAATBatt members are entitled to a 15% discount on registration. The conference Web site may be viewed at: <http://www.ev-battery-tech.com/>.
- **Developing Grid Storage Projects:** Infocast will produce the Developing Grid Storage Projects conference in Dallas, Texas on **October 5-6, 2011**. The conference will discuss the regulatory drivers and business models for grid storage projects in the United States. NAATBatt will be a supporting organization of the conference.
- **The Business of Plugging In:** The Center for Automotive Research will host The Business of Plugging In conference at the Hyatt Regency in Dearborn, Michigan on **October 11-13, 2011**. The conference will examine the challenges of moving EV's from early adoption to mass market acceptance and will feature a ride-and-drive event highlighting the newest EV's. More information can be found at: [www.bpiconference.com](http://www.bpiconference.com).
- **EESAT 2011:** The biannual international Electrical Energy Storage Applications and Technologies conference (EESAT) will be held at the San Diego Marriott Hotel and Marina in San Diego, California on **October 16-19, 2011**. The conference will highlight specific electrical energy storage applications and technologies, especially as they relate to the electricity grid. More information about EESAT 2011 can be found at: <http://www.sandia.gov/eesat/index.html>.
- **The Battery Show:** The Battery Show conference and exposition will be held in Novi, Michigan on **October 25-27, 2011**. The Battery Show is North America's largest free to attend exhibition for advanced batteries. The exhibition showcases the latest battery technologies and solutions, ranging from electric vehicle applications to raw material suppliers. Its two-track business and technology conference examines battery market development and opportunities, including how technical advances are likely to impact performance, safety and cost. For more information on The Battery Show or to register, visit [www.thebatteryshow.com](http://www.thebatteryshow.com).
- **Lithium Battery Power:** Knowledge Foundation will host the 7<sup>th</sup> Annual International Conference on Lithium Battery Power on **November 7-8, 2011** in Las Vegas, Nevada. The conference will examine advances in lithium-ion battery technology. The conference Web site can be accessed at: [http://www.knowledgefoundation.com/viewevents.php?event\\_id=254&act=evt](http://www.knowledgefoundation.com/viewevents.php?event_id=254&act=evt)
- **7<sup>th</sup> Lithium Mobile Power Conference:** Knowledge Foundation will host the 7<sup>th</sup> Lithium Mobile Power Conference on **November 7-8, 2011** in Las Vegas, Nevada immediately following the battery safety conference. The conference will provide a general survey of the lithium-ion battery industry. The conference Web site can be accessed at: [http://www.knowledgefoundation.com/viewevents.php?event\\_id=254&act=evt](http://www.knowledgefoundation.com/viewevents.php?event_id=254&act=evt).

- **2<sup>nd</sup> Battery Safety Conference:** Knowledge Foundation will host the 2<sup>nd</sup> Battery Safety Conference on **November 9-10, 2011** in Las Vegas, Nevada. The conference will discuss safety incidents and product recalls regarding lithium-ion batteries. The conference Web site can be accessed at: [http://www.knowledgefoundation.com/viewevents.php?event\\_id=253&act=evt](http://www.knowledgefoundation.com/viewevents.php?event_id=253&act=evt)
- **1<sup>st</sup> North American & Asian Lithium-Ion Technology Conference:** The North American & Asian Lithium-Ion Technology Conference will be held on **January 12, 2012** at the University of Nevada Las Vegas in Las Vegas, Nevada. The conference is co-sponsored by UNLV and an affiliate of the Lion Battery Industry Association of South China. More information about the conference can be found at: <http://lbiana.org/industry-events/>
- **International Electric Vehicle Symposium:** The Electric Drive Transportation Association will produce the 26<sup>th</sup> international Electric Vehicle Symposium and exposition (EVS26) on **May 6-9, 2012** in Los Angeles, California. Information about EVS26 can be found at [www.EVS26.org](http://www.EVS26.org).
- **IEEE PES Transmission and Distribution Conference and Exposition:** The IEEE PES Transmission and Distribution Conference will be held in Orlando, Florida on **May 7-10, 2012**. The conference will focus on innovation in power delivery systems, including storage systems. Information about the conference can be viewed at: <http://www.ieseet-d.org/>.



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