

Energy & Clean Technology

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Energy & Clean Technology Connections: Your Law Firm Link to Industry News

APRIL 2014

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In the April edition of *Energy & Clean Technology Connections*, we bring you the latest energy technology highlights, an update on energy-related initiatives and issues from Capitol Hill, and a list of upcoming energy industry events. For links to industry grant opportunities and stories from the business, policy, and research sectors of the energy technology industry, please see our [Energy Navigator](#).

As the month gets under way, we look forward to hearing from the eight up-and-coming start-ups that will be presenting at the [Future Energy New York](#) pitch event on April 9. Also, we are proud to support the May 14 and 15 [World Energy Innovation Forum](#), chaired by Ira Ehrenpreis. See the Event Highlights section of this newsletter for details. We hope to see you there!

We would also like to take this opportunity to congratulate [FastCAP Systems](#), a leader in high performance ultracapacitor technologies. FastCAP announced that it has raised a \$5 million credit facility from WindSail Capital Group. The funds will be used to support the expansion of production capabilities for its premier lithium-free extreme environment power systems, currently being deployed in the energy exploration industry.

Our congratulations also go out to our friends at [Canaccord Genuity](#), which successfully helped [Rubicon Technology](#) with another public offering.

Leaders in the News

[XL Hybrids](#), a developer of hybrid electric powertrains for commercial vans and trucks, was recently named an Energy Innovation Pioneer by IHS Energy. The recognition goes to companies and entrepreneurs who are developing technologies and business plans that are transforming the energy future. The fuel-saving hybrid electric powertrain can be installed in both new and existing vehicles in four hours, and XL Hybrids has sold hundreds of vans to companies such as Coca-Cola and FedEx, providing a 20% reduction in fuel consumption and CO2 emissions. Additionally, XL Hybrids was recently recognized by *Fast Company* in its 2014 roundup of the World's 50 Most Innovative Companies. In naming the company to its list, the publication commended XL Hybrids for "siphoning gas-guzzlers off the road." *Fast Company* also placed XL Hybrids within the top three in the energy sector in offering game-changing solutions. For more information on XL Hybrids and its technology, please visit www.xlhybrids.com.

Washington Update

In Washington this month, House and Senate committees have continued consideration of President Obama's fiscal year 2015 budget request. The House Appropriations Energy and Water Development Subcommittee; the House Appropriations Subcommittee on Interior, Environment, and Related Agencies; and the House Science Space and Technology Committee have all held hearings on different aspects of the budget request within the last few weeks. The House Appropriations Committee is hoping to finish hearings by mid-April and begin voting bills out of committee soon thereafter.

Meanwhile, the Senate Finance Committee is discussing a bill that would extend a number of key short-term tax provisions ranging from a research and development tax credit to the renewable energy production tax credit. While enacting these tax provision extensions is a top priority for Senate Finance Committee Chair Ron Wyden (D-OR),

the bill mark-up has been postponed beyond early April due to a number of unresolved political issues.

New energy-related legislation has been introduced in both the House and Senate. On March 24, Senator Heidi Heitkamp (D-ND) introduced legislation that would increase funding for carbon capture and storage projects, allocating \$2 billion in Department of Energy loans and tax credits. In addition, on March 26, Representative Henry Waxman (D-CA) and Senator Ed Markey (D-MA) introduced legislation to give the Federal Energy Regulatory Commission more authority to protect the electric grid from physical, cyber, electromagnetic pulse, and other threats.

The weekly *Energy & Environment Update* from ML Strategies provides an overview of what's happening on and off Capitol Hill and around the world that may impact energy and environmental policies and industry players. [Read the Update here.](#)

Event Highlights

In upcoming events, we are proud to support the [Ultra Light Startups' Future Energy event](#), a start-up-investor pitch event in New York City on Wednesday, April 9. The event is sponsored by Shell International's GameChanger Program and features emerging start-ups from top institutions such as CEBIP, MIT Enterprise Forum, Nexus NY, NREL, PowerBridge NY, and SURGE Accelerator as well as from top universities including Columbia, NYU, RPI, and many more. The event also hosts an all-star panel, including John Freer, Manager of External Technology Initiatives at GE Global Research; Oliver Guinness, Managing Director at Clearpoint Ventures; Jiong Ma, Partner at Braemar Energy Ventures; David Miller, Executive Managing Director at Clean Energy Venture Group; and Willem Rensink, GameChanger at Shell International.

Additionally, we look forward to the [World Energy Innovation Forum](#) to be held at the Tesla Factory in California's Bay Area on May 14 and 15. The World Energy Innovation Forum, chaired by prominent industry leader [Ira Ehrenpreis](#), convenes the who's who in the energy innovation sector to discuss the important energy issues and opportunities of our time. The event will host the leading investors, entrepreneurs, corporates, policymakers, and other prominent members of the energy ecosystem for two days of conversation, dialogue, and networking. Attendees will have the extraordinary opportunity to hear first-hand from Tesla's CEO, [Elon Musk](#), just named [Fortune's 2013 "Businessperson of the Year,"](#) who will help kick off this year's forum. Please be sure to [reserve your spot](#) at the forum as soon as possible, as attendance is limited to the first 500 delegates.

Innovator Profile

In line with President Obama's commitment to maintain US leadership in clean energy innovation, the [Energy Department's Office of Energy Efficiency and Renewable Energy](#) awarded \$17 million in Small Business Innovation Research (SBIR) funding to help small businesses develop technologies that could improve energy efficiency, reduce the cost of installing clean energy technologies, and generate electricity for renewable energy resources. Located in 13 states, the projects being funded include technologies such as "wind turbine blades that are easier to transport and use less energy, an electrochromic window technology that can achieve a 30% reduction in energy use, and a solar energy system that reduces installation costs and generates power in less time." For details, please see a full [list of the SBIR projects](#) and additional information on the [SBIR program](#).

Energy Navigator

Please visit and bookmark our [Energy Navigator](#) to easily view all of the latest headlines from the most trusted publications reporting on developments in the energy and clean technology industries. It is housed on our blog, [Energy & Clean Technology Matters](#).

Events

Bloomberg New Energy Finance: The Future of Energy Summit 2014

April 7 – 9, 2014

New York, NY

[More Info »](#)

Future Energy (New York)

April 9, 2014
New York, NY

[More Info »](#)

Solar Summit 2014

April 14 – 16, 2014
Phoenix, AZ

[More Info »](#)

The World Energy Innovation Forum

May 14 – 15, 2014
The Tesla Factory, Fremont, CA

[More Info »](#)

Cleantech Forum Europe

May 19 – 21, 2014
Stockholm, Sweden

[More Info »](#)

PV America

June 23 – 25, 2014
Boston, MA

[More Info »](#)

Grid Edge Live 2014

June 24 – 25, 2014
San Diego, CA

[More Info »](#)

NextWave Greentech Investing 2014

August 2014
Menlo Park, CA

[More Info »](#)

Water Innovation Summit

September 23 – 24, 2014
Berkeley, CA

[More Info »](#)

Cleantech Tour of China 2014

November 2 – 7, 2014
China

[More Info »](#)

US Solar Market Insight 2014

December 9 – 10, 2014
San Diego, CA

[More Info »](#)

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