

# Energy & Clean Technology

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

JANUARY 2014

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Energy technology companies have gained significant traction with end users, investors, and regulators over the last several years. Given the strong showing in the capital markets so far in 2014 and the fact that last year was the most active IPO market since 2000, we think that energy technology industries have much to look forward to in 2014. Solar companies continue to make headlines and entice Wall Street, while implementation of President Obama's climate change agenda takes effect nationwide. This positive momentum kept up with the Energy & Clean Technology team at Mintz Levin in 2013 — we closed over 30 deals and helped raise capital for clients in the water technology, hybrid electric, wind energy, and solar industries. In this month's edition of Mintz Levin's *Energy & Clean Technology Connections*, we highlight the EPA's work on regulating greenhouse gas emissions and the next generation of clean energy start-ups that is being fostered through MIT's nationwide Clean Energy Prize.

We are also starting the New Year with a refreshed, efficient look for our publication. To access the most up-to-date stories from the business, policy, and research sectors of the energy and clean technology industries consider bookmarking our brand-new [Energy Navigator](#). It is housed on our blog, [Energy & Clean Technology Matters](#), where you can also find cutting-edge legal and legislative insight on these industries as well as information on current energy-related tax incentives and rebates. Let us know what you think — we like hearing from our friends and clients!

In upcoming events, we look forward to the [ARPA-E Energy Innovation Summit](#). The US Department of Energy's Advanced Research Projects Agency-Energy (ARPA-E) has hosted the Energy Innovation Summit for the past four years. This premier event brings together thought leaders from academia, business, and government to discuss cutting-edge energy issues and facilitate relationships to help move technologies into the marketplace. The summit's strategic combination of leaders makes it the perfect forum for developing energy solutions that will enable America to out-innovate its global competitors.

At the ARPA-E Energy Innovation Summit on February 24, Future Energy will be hosting a series of pitch events that connect entrepreneurs, researchers, and private investors in the energy industry to develop and commercialize radical solutions to the world's energy challenges. [The Future Energy Pitching Session](#) will feature eight early-stage energy technology start-ups presenting to a panel of top venture capital investors. All Summit attendees are invited to attend and vote for their favorite start-ups. If you are interested in participating as a rising start-up in the pitching series, please do not hesitate to contact Mike Simmons at [mike@ultralightstartups.com](mailto:mike@ultralightstartups.com).

The Mintz Levin team is excited to attend the ARPA-E Energy Innovation Summit and the Future Energy Pitching Session. We hope to see you there!

## Washington Update: Looking Forward to Energy and Climate Change Policies in 2014

Now that 2013 has come and gone, and with the start of the second session of the 113th Congress on January 6, climate change policies are prepared to reenter the national debate in 2014 as significant features of President Obama's climate plan are executed. In June 2014, the Environmental Protection Agency is expected to announce a historic rule aimed at reducing CO2 emissions from the nation's power plants, but not before Congress and industry groups debate the issue for several months. Another regulation from the EPA will garner additional attention as the Supreme Court will hear in February a limited challenge to the agency's authority to regulate greenhouse gas

emissions. While the court heard arguments in a challenge to the Cross-State Air Pollution Rule in December, rulings on both cases will come by June.

The Senate Energy and Natural Resources Committee, currently preparing for a committee leadership shuffle, has listed its top priorities for the first part of the year as a markup of a bipartisan nuclear waste bill and readdressing an amended energy-efficiency bill from Senators Jeanne Shaheen (D-NH) and Rob Portman (R-OH).

Debates over tax reform, whether comprehensive or not, will score additional time in Congress, as will several energy-specific tax pieces, such as the now-expired Production Tax Credit and several other tax extenders pieces.

With respect to nominations, President Obama will have to start fresh on filling open positions across the agencies, including at the Environmental Protection Agency, the US Chemical Safety and Hazard Investigation Board, and the Interior Department.

## Monthly Innovator Profile: MIT Clean Energy Prize

Mintz Levin supports the [MIT Clean Energy Prize](#) (MIT CEP), a catalyst to significantly accelerate the pace of energy innovation and entrepreneurship. The MIT CEP's mission is to foster a unified competition to help develop a new generation of energy entrepreneurs and companies. This will be achieved by working to stimulate productive relationships between academic, community, industry, and government organizations with strong interests in meeting the world's energy challenge through innovation and entrepreneurship. The premier student innovation and entrepreneurship competition awards over \$350,000 in prizes. On Friday, December 13, 2013, Mintz Levin proudly hosted the [MIT Clean Energy Prize 2014 Kick-Off Event](#) in our Boston offices. We look forward to tracking the progress of the MIT Clean Energy Prize and its up-and-coming entrepreneurs in the future.

We hope that you enjoy this month's edition of the newsletter. For the most up-to-date information on federal legislation and programs, read the most recent [ML Strategies Energy & Environment Update](#).

## In This Edition

### Business

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[In the News: World](#)

[Federal & State Happenings](#)

[Events](#)

» [View additional news items via the new Energy Navigator, on the Energy & Clean Technology Matters Blog!](#)

## Business

### Five Cleantech Firms That Could Go Public in 2014

*Greentech Media* – January 5, 2014

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### Ten Clean Energy Stocks for 2014

*Renewable Energy World* – January 1, 2014

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### LDK Makes Proposal to Refinance \$280 Million in Notes Due in 2014

*Renewable Energy World* – January 1, 2014

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### **FCC Of Spain Sells Half of Renewables Unit to Cut Debt**

*Bloomberg New Energy Finance* – December 30, 2013

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### **Clean Energy Shines as Climate Index Outperforms Equities**

*Greentech Media* – December 26, 2013

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### **The \$100 Million Green Bond from Hannon Armstrong**

*Greentech Media* – December 26, 2013

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### **Wood-Pellet Bonds Show US Biomass Market Expanding Worldwide**

*Renewable Energy World* – December 24, 2013

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### **Mitsui Acquires 50% Stake in EDF's Mexico Wind Project**

*Bloomberg New Energy Finance* – December 24, 2013

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### **IFC Proposes Loan for 40-MW NSL Wind Farm in India**

*Bloomberg New Energy Finance* – December 20, 2013

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### **Vaisala Acquiring Renewable Energy Assessment and Forecasting Services Company**

*Clean Edge* – December 19, 2013

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### **MidAmerican, Siemens Make 1 GW Turbine Pact for Iowa Wind Farms**

*Clean Edge* – December 17, 2013

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## **In the News: United States**

### **United States Biodiesel Production Hits Record High**

*Environmental Leader* - January 2, 2014

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### **Shale-Oil Boom Puts Spotlight on Crude Export Ban**

*Wall Street Journal* – January 1, 2014

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### **Home Electricity Use in US Falling to 2001 Levels**

*Associated Press* – December 30, 2013

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### **Siemens Puts Weight Behind US Offshore Wind**

*Greentech Media* – December 30, 2013

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### **Wind, Solar Split on Energy Tax Reform Plan**

*Greentech Media* – December 26, 2013

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## **Vestas Lands 350 MW in Wind Projects for Enel Green Power**

*Clean Edge* – December 20, 2013

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## **Geothermal Energy 2013 Year-in-Review: An Awakening Global Market**

*Renewable Energy World* – December 20, 2013

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## **USDA Pumps \$45 Million into Rural Smart Grids**

*Clean Edge* – December 19, 2013

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## **US Solar Manufacturing Wins Cash from DOE and VCs**

*Greentech Media* – December 17, 2013

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## **Navy Teams with Ag to Buy Biofuels**

*Clean Edge* – December 13, 2013

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## **Saying Goodbye to the Wind Production Tax Credit**

*Sustainable Business* – December 10, 2013

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## **In the News: World**

### **China Withdraws Support for 75% of Solar Equipment Manufacturers**

*CleanTechnica* – January 6, 2014

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### **EU Probing German Green Tax Cuts, Merkel Rebuffs**

*Renewable Energy World* – December 19, 2013

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### **Mexico to Triple Demand for Solar Next Year with 250 MW**

*Bloomberg New Energy Finance* – December 19, 2013

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### **UK Approves 450 Million Pound Offshore Wind Port Project Plan**

*Renewable Energy World* – December 18, 2013

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### **China Windpower Sells Haudian 9.9% Stake for \$49 Million**

*Bloomberg New Energy Finance* – December 18, 2013

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### **Australian Energy Market Operator: Renewable to Account for All New Power in Australia Through 2020**

*Penn Energy* – December 16, 2013

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### **India \$11.7 Billion Solar Plan Needs Lenders: World Bank**

*Bloomberg New Energy Finance* – December 16, 2013

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## **Asia Report: Revisiting Japan's Solar Demand, and Nuclear Comeback**

*Renewable Energy World* – December 11, 2013

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## **China Encourages Utility Purchase of Solar to Boost Manufacturing Capacity**

*Renewable Energy World* – December 11, 2013

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## **EnerNOC Enters Joint Venture in Japan, Wins TEPCO Contract**

*Greentech Media* – December 10, 2013

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## **Japanese Energy Giants Rush into Storage as Solar Booms**

*Renew Economy* – December 4, 2013

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## **Federal & State Happenings**

### **Five PACE Programs to Watch in 2014**

*Greentech Media* – January 3, 2014

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### **Congress Allows Wind Tax Subsidies to Fizzle Out**

*Daily Caller* – January 2, 2014

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### **Massachusetts Makes Smart Grid Mandatory**

*Greentech Media* – December 31, 2013

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### **Energy Tax Breaks to Shrink in Baucus Focus on Emissions**

*Bloomberg New Energy Finance* – December 18, 2013

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### **DOE Outlines the Path Forward for Energy Storage**

*Greentech Media* – December 13, 2013

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### **Blowback Over Wind Farm Eagle Rule**

*Politico* – December 13, 2013

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## **Events**

### **Solar Energy International – PVOL202 Advanced PV System Design and the NEC (Grid-Direct)**

Webinar

January 13 – February 23, 2014

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### **4th Annual Electric Energy Storage**

San Diego, CA

January 14 – 16, 2014

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## Offshore Wind & Tidal Energy Update

Portland, ME  
January 16, 2014

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## The Capital Network – Upstart Roundtable

Cambridge, MA  
January 23, 2014

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## NABCEP Certification Exams Application Deadline

Multiple Locations  
January 24, 2014

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