

Energy & Clean Technology

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

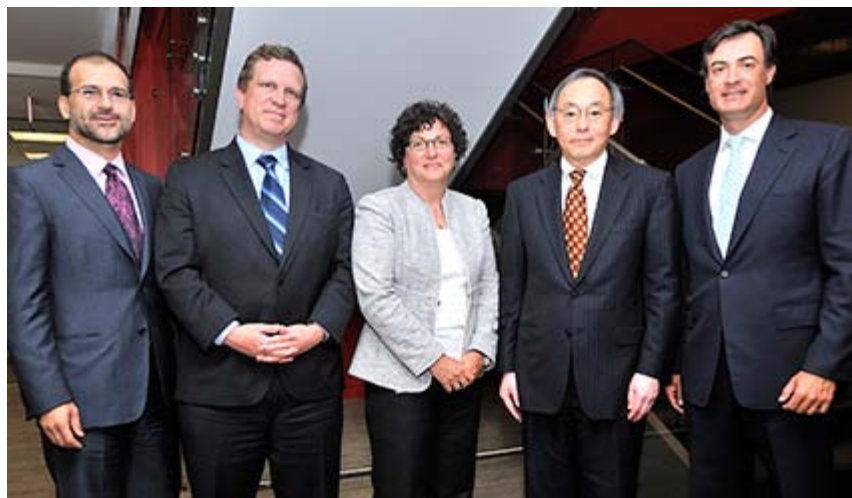
JULY 2012 VOL. II

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In this edition of *Energy & Clean Tech Connections*, we've gathered recent information from a wide variety of sources in an effort to keep you abreast of what's new in the world of clean energy. We draw your attention to the latest industry developments, news from local governments to Capitol Hill, grant opportunities, and upcoming events.

Last month, Mintz Levin & ML Strategies were proud to host the Department of Energy's (DOE) [National Clean Energy Business Plan Competition](#) as part of the administration's Startup America initiative – a White House sponsored public-private partnership aimed at inspiring and accelerating high-growth entrepreneurship throughout the nation.



From left to right: Sahir Surmeli, Co-Chair of our Energy & Clean Technology Practice and Member in the firm's Corporate & Securities Practice; Dr. David Danielson, Assistant Secretary for Energy Efficiency and Renewable Energy at the Department of Energy; Susan Berson, Managing Member of Mintz Levin's Washington, DC office; Dr. Steven Chu, United States Secretary of Energy; and Thomas R. Burton, Chair of our Energy & Clean Technology Practice and a Member of the Corporate & Securities Section

The winners of six DOE-sponsored regional business plan competitions convened at our Washington, DC office to hear from clean tech industry thought leaders and federal officials about the present and future of energy and innovation. Secretary of Energy Dr. Steven Chu gave the keynote address, introduced by Thomas R. Burton, Chair of our Energy & Clean Technology Practice, on the DOE's energy strategy and the transformation of the nation's energy system. For more details, check out the [video of the conference](#), and see our "Monthly Innovator Profile" for information on the competition winner.

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This month, the Energy & Clean Technology Practice would like to congratulate Tim Healy, Chairman and CEO of our client EnerNOC, on being nominated as a finalist for the [CEO of the Year](#) by the Mass Technology Leadership Council, Inc.

We would also like to applaud our client [Ember Corporation](#), a Boston-based pioneer in the market for ZigBee(R) solutions. Earlier this month, Ember Corporation was acquired for \$72 million by [Silicon Laboratories Inc.](#), a leader in high-performance, analog intensive, mixed-signal ICs. Ember Corporation's products integrate high-performance, low-power 2.4GHz wireless ICs with reliable and scalable software, creating a flexible and robust networking platform. With Ember Corporation's expertise, Silicon Lab now has the technology and software capacity to enable the low-power mesh sensor networks deployed today in a wide variety of residential, commercial and industrial applications.

On Capitol Hill, the House Natural Resources Committee approved as of July 18, on a vote of 24-17, an offshore drilling bill (H.R. 6082). As an alternative to President Obama's 2012-2017 oil and natural gas lease sale plan, the bill will allow 29 oil and gas lease sales over the following five years. This measure drafts a new offshore drilling strategy that aims to open up the Gulf of Mexico and waters off Alaska in order to allow further leasing along the East and West coasts.

Additionally, the IRS announced on July 20 that \$658.5 million in investment tax credits are available to Section 48A Phase III clean coal projects. Companies who seek to qualify for the program must meet certain standards in line with emission levels and removal of pollutants. The deadlines for the DOE and Treasury portions of the application are respectively October 15, 2012 and February 15, 2013.

In other news on Capitol Hill, Senate Energy and Natural Resources Committee Chairman Jeff Bingaman (D-NM) stated his plans before a July 17 committee hearing to propose legislation (S.1342) to greater protect the nation's electric grid from cybersecurity threats as an amendment to broader cybersecurity legislation. Potentially coming to the Senate floor before the August recess, the Grid Cyber Security Act would permit the FERC to establish deadlines for the issuance of new standards, grant the Secretary of Energy emergency authority to deal with imminent cybersecurity threats to the electric grid, and give the North American Electric Reliability Corporation a greater role in enforcing standards. For more regulatory updates, please see ML Strategies's weekly [Energy and Environmental Updates](#).

In upcoming events, Mark Riedy, a Washington, DC based Member in our Energy & Clean Technology Practice and Member of the Corporate & Securities Practice, will be speaking at the Council of Development Finance Agencies [2012 National Development Finance Summit](#) in Washington, DC on August 3, 2012. The summit will focus on a diverse cross-section of development finance topics and legislative activities. Mark's presentation will explore emerging renewable energy finance models. We also hope to see you on August 14, 2012, when we host the [Cleantech Open's](#) workshop, [Navigating IP and Other Legal Risks: A Startup Workshop](#) at our Boston office. Come to learn about best practices for approaching legal issues, and to get one-on-one expert advice. For more information on upcoming events, please consult our "Events" section below. Finally, be sure to mark your calendar for October 1-3, 2012, when EnerNOC will hold its third annual [EnergySMART Conference](#) in Boston. Topics to be covered include the bottom-line impact of energy efficiency measures, evolving demand response markets, energy procurement strategies, and how to leverage existing energy management systems.

We hope that you enjoy this 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](#).

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Mintz Levin's Monthly Innovator Profile

NuMat Technologies, the Northwestern University team competing in the [Department of Energy's National Clean Energy Business Plan Competition](#), was the proud winner of this first-ever national contest. NuMat Technologies's plan involved commercializing a nanomaterial to store gases at lower pressures, reducing infrastructure costs and increasing design flexibility. NuMat Technologies's innovation could have broad applications: for example, the nanomaterial could be used in designing tanks to store natural gas more efficiently in motor vehicles. NuMat Technologies won the competition, taking home \$180,000 and additional prizes from sponsors, based on its commercialization idea, go-to market strategy, team plan, environmental benefits, and the potential impact on America's clean energy economy. We look forward to seeing what NuMat Technologies does in the future!

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Harvest Power CEO Talks Sustainable Statups & Lessons from Farming

Xconomy – July 26, 2012

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US Creates Zones to Boost Solar Energy Development

Clean Technica – July 26, 2012

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With Huge New Fund, NEA Navigates Venture-Industry Consolidation

WSJ – July 25, 2012

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Paul Allen's Fund Backs Natural Gas to Chemicals Tech

GigaOM – July 25, 2012

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Harvest Power Raises \$15 Million in Series C Financing

Clean Edge – July 23, 2012

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Southern Delivering Energy from Largest U.S. Biomass Power Plant

Bloomberg – July 18, 2012

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Today in Cleantech: Apple's Sustainability

GigaOM – July 17, 2012

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San Rafael-Based IntelliBatt Secures \$22 Million in Funding

Silicon Valley Wire – July 17, 2012

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Venture Investment Hits Highest Level Since Dot-Com Era

Xconomy – July 16, 2012

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Global Clean Technology Venture Investment Cools in 2Q 2012

Clean Edge News – July 12, 2012

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The Daily Start-Up: Green Cars Get Jumpstarts; Adroll Closes \$15m Series B

WSJ – July 11, 2012

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Solar Companies to Tap U.S. Funds Halted Since Solyndra

Bloomberg – July 11, 2012

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GE-NRG Energy-ConocoPhillips Venture Invests in Future of Wireless Communication Networks with Capital for On-Ramp Wireless

Market Watch – July 10, 2012

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Oakland University Incubator Focuses on Cleantech, Outreach

Xconomy – July 10, 2012

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Halo Report: Angel Investing Holds Steady in First Quarter

Xconomy – July 10, 2012

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Western Wind Energy Receives \$78.3M Cash Grant: Good News, Bad News

Forbes – July 10, 2012

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Greenlancer: Clean Tech Engineering from the Cloud

Xconomy – July 9, 2012

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First Solar Bonds Financing \$4.6 Billion U.S. Panel Boom

Bloomberg – July 9, 2012

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Silicon Labs Completes Acquisition of Ember

Business Wire – July 9, 2012

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Braemar Energy Ventures Closes Fund III at \$300 Million

Clean Edge News – July 3, 2012

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SCS Renewables Unstealths with a Solar Project Brokerage Platform

Greentech Media – July 2, 2012

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Hong Kong's Cheung Kong Consortium to Buy U.K.'s MGN Gas Networks

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Amid Energy Shortages, a Record First-Half Trade Deficit for Japan

Washington Post – July 25, 2012

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SolarWorld Files Anti-Dumping Complaint against Chinese PV Manufacturers in European Commission

Solarserver – July 24, 2012

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China's Canadian Energy Play

WSJ – July 24, 2012

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Gasoline Falls on Concern Europe's Debt Crisis Worsening

Bloomberg – July 24, 2012

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EU Solar Firms Seek Tariffs on China

WSJ – July 24, 2012

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India's RRB Energy Targets African Market with Smaller Wind Turbines

Bloomberg – July 24, 2012

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Ex-Im Approves \$57.3 Million in Financing for Renewable Energy Exports to India

Clean Edge – July 20, 2012

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China Endorses Plan to Step Up Solar Power Demand After 2015

Bloomberg – July 20, 2012

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China Stars as Quarterly Clean Energy Investment Rebounds 24% over Q1

Clean Edge — July 19, 2012

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E.U. Offshore Wind Power Capacity Jumps 50%

Energy Matters – July 19, 2012

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Playing Chinese Checkers with India's Hydro Sector

Power Engineering – July 19, 2012

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UK Tops in Energy Efficiency and US Lags in 9th Place According to ACEEE

Clean Edge – July 16, 2012

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The Dawn of Japan's Offshore Wind Era

Renewable Energy World Editors – July 16, 2012

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China's Growing Investment in Chile

Renewable Energy World Editors – July 18, 2012

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Clean Energy Investment Rises 24%, Spurred by China Surge

Bloomberg: July 11, 2012

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Eon, GT Energy Plan 140 Million-Pound Geothermal Growth in U.K.

Bloomberg – July 4, 2012

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Alstom Wins Wind Energy Contract to Supply Wind Turbines for a 21MW Wind Farm

Windfair.net – July 4, 2012

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IFC Could Lend \$50m to IDFC PE-backed Green Infra

The Alternative Assets Network: July 3, 2012

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Turkey Receives Major EBRD Funding for Sustainable Energy Projects

World Construction Network: July 3, 2012

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China Ming Yang, Reliance in Joint Venture to Develop India Wind

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Softbank to Build Japan's Biggest Solar Plant on Incentives

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Federal Tax Credits for Consumer Energy Efficiency

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Federal Energy-Efficient Commercial Buildings Tax Deduction

Application Deadline: January 1, 2006 – December 31, 2013

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California Self-Generation Incentive Program

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California Property Tax Exclusion for Solar Energy Systems

Expiration Date: December 31, 2016

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Massachusetts Clean Energy Center: Commonwealth Wind Incentive Program – Micro Wind

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Military Defends Biofuels Research

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Obama Administration Releases Roadmap for Solar Development

Energy.gov – July 24, 2012

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Natural Gas for Transportation

4-Traders.com – July 24, 2012

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California's Big Utilities at 20 Percent Renewables in 2011

Green Tech Media – July 24, 2012

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Texas Aims To Bring Solar Power to San Antonio and Austin

Green Tech Media - July 24, 2012

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Governor Christie Builds on Record of Growing Clean Energy Sources

Votesmart.org – July 23, 2012

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Energy Department Announces Energy-Saving Project at VA Facilities

U.S. Department of Energy – July 23, 2012

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DOE Announces Energy Efficiency and Renewable Energy Webinars

U.S. Department of Energy – July 19, 2012

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Small Businesses Hurting from Tariffs on Imported Chinese Solar Panels

Inside Climate News – July 19, 2012

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Defense Officials Defend Great Green Fleet

Reuters – July 19, 2012

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DOE Invests in Hydrogen Infrastructure and Fueling Technologies

Hybridcars.com – July 19, 2012

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Nebraska Agency Hits TransCanada with a Host of Questions about Keystone XL

E & E Publishing – July 18, 2012

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House E&C Committee Holds Hearings on Alternative Fuels and Vehicles (video)

House Energy and Commerce Committee – July 17, 2012

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DOE Breaks Ground on New Wind Turbine Testing Facility in Texas

Power Engineering – July 17, 2012.

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Wind Farms a Cash Crop for Rural Kansas Communities

The Wichita Eagle – July 12, 2012

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Top U.S. Energy Official Calls for Extending Clean Energy Tax Credits

Department of Energy – July 25, 2012

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Legislation Introduced for Renewable Energy Development on Public Lands

Clean Tech Law – July 22, 2012

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EPA Defers Regulations for Coal Fired Plants

Washington Times – July 21, 2012

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Senator Begich Proposes Legislation for Renewable Energy Sources

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Washington, DC

July 31-August 3, 2012

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6th Global Conference on Power Control and Optimization

Las Vegas, NV

August 6-8, 2012

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Southeast Biofuels and Renewable Energy Conference

Jackson, MS

August 8-9, 2012

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Navigating IP and Other Legal Risks: A Startup Workshop

Boston, MA

August 14, 2012

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The Soft Grid 2012

San Francisco, CA

August 14-15, 2012

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September

AWEA Regional Wind Energy Summit – New England

Portland, ME

September 5-6, 2012

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Texas Offshore Wind Energy Roundtable

Houston, TX
September 5-6, 2012

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ICCE 2012: International Conference on Clean Energy

Quebec, Canada
September 10-12, 2012

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Solar Power 2012

Orlando, FL
September 10-13, 2012

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Oregon Best Fest

Portland, OR
September 12, 2012

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Renewable Energy Markets 2012

September 23-25, 2012
Washington, D.C.

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Algae Biomass Summit

Denver, CO
September 24-27, 2012

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GreenGov Symposium

Washington, DC
September 24-26, 2012

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Optimizing Wind Power O&M

Chicago, IL
September 25-26, 2012

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Flexible Transmission and Distribution

San Francisco, CA
September 25-26, 2012

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Renewable Energy Finance Forum West

San Francisco, CA
September 27-28, 2012

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October

EnergySMART 2012 Conference

Boston, MA
October 1-3, 2012

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4th Annual Renewable Energy Technology Conference Exhibition

Washington, D.C.
October 17-19, 2012

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U.S. Solar Market Insight

San Francisco, CA
October 29-30, 2012

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New England Marine Renewable Technical Conference

Warwick, RI
October 30-31, 2012

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Advanced Energy 2012

New York, NY
October 30-31

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