

Energy and Clean Tech Connections

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Energy and Clean Tech Connections

October 2010

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In the October edition of *Energy and 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.

This month, the Energy & Clean Technology Practice Group would like to congratulate Mintz Levin clients CellEra, Joule Unlimited, Deeya Energy, SustainX, and ML Strategies clients Suniva, Digital Lumens, and Hara for being named to the *Guardian's Global Cleantech 100*, which honors those private cleantech companies most likely to make a significant market impact over the next decade. We would also like to congratulate Mintz Levin clients Ember, EnerNOC, and Stata Venture Partners who were honored at Mass High Tech's *15th Annual All-Stars Awards*, an event which recognizes leaders in a range of New England's technology and innovation sectors. Additionally, the Practice Group would like to recognize and wish continued success to all of its clients present at the *NREL's Industry Growth Forum* in Denver, Colorado this week.

Internet powerhouse Google, Inc. and New York investment firm Good Energies agreed this month to invest heavily in Trans-Elect's proposed [\\$5 billion transmission backbone for future offshore wind farms](#). The 350-mile backbone would remove major obstacles to wind power development and has won praise from investors, politicians, and environmentalists. Google and Good Energies agreed to each take a 37.5% equity portion in the project but are likely to bring on additional investors who would reduce their stake. The system's backbone cable, with a capacity of 6,000 MW, would run from New Jersey to Norfolk, Virginia and harvest energy from turbines that are barely visible from land. The proposed project could make building offshore wind farms far simpler and cheaper and would help mid-Atlantic states to meet their renewable energy goals.

In government news, while federal climate change legislation is unlikely to pass this year, state governments have increasingly begun to address the issue on their own. Climate action plans have been adopted by 38 states with others pending, and a voluntary Climate Registry for emissions measurement and reporting has drawn participation from 41 states, 10 Canadian provinces, six Mexican provinces, and four native sovereign nations. Additionally, three regional greenhouse gas (GHG) emissions trading programs include 33 states as participants or observers. On the executive level, the Obama Administration and the EPA may be preparing to regulate GHG emissions under the Clean Air Act.

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

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Mintz Levin's Monthly Incubator Profile: The Techbridge Program

Through its Techbridge Program, Fraunhofer USA's Center for Sustainable Energy Systems (CSE) helps to serve the start-up and venture capital community by connecting promising clean technologies with the funding and mentorship needed to bring them to market. Techbridge recently received \$1.05M from the U.S. Department of Energy to fund U-Launch, a partnership with the New England Clean Energy Council (NECEC), Massachusetts Clean Energy Center (MassCEC), and Association of Cleantech Incubators of New England (ACTION). The partnership will build and strengthen innovation ecosystems that accelerate the movement of cutting-edge energy efficiency and renewable energy technologies from university laboratories into the market.

Symbolized by the success of its Techbridge Program and the support it has received, CSE has rapidly gained recognition as an up-and-coming player in New England's clean energy ecosystem. As a non-profit contract research company, CSE offers its clients both equipment and expertise, performing collaborative research, validation testing, and proof-of-concept work in the fields of photovoltaic modules, building energy efficiency, and 'smart grids.' Its efforts in the cleantech space are supported by a world-class network of academic, government, and industrial partners, including MIT, National Grid, Fraunhofer's Institute for Solar Energy Systems (ISE), the Canadian Standards Association (CSA), and the States of Massachusetts and New Mexico.

For more information please visit: <http://cse.fraunhofer.org/techbridge>.

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In the News: United States

Good Energies and TIAA-CREF to Invest \$50 Million in Energy Efficiency

New Energy World Network – October 18, 2010

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Accent Gets \$7 Million for Smart Meter Communication Technology

Clean Edge News – October 15, 2010

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\$190 Billion Market Potential for Commercial Real Estate Retrofits, Says Report

Clean Edge News – October 15, 2010

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Redwood Systems Secures \$15 Million in Series B Round

Clean Edge News – October 14, 2010

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Google Invests in 6GW Offshore Wind Farm

Renewable Energy World – October 12, 2010

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LG Electronics Debuts US Solar

New Energy World Network – October 12, 2010

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Superconducting SeaTitan Opens Up a New Path to 10MW

Renewable Energy World – October 12, 2010

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BASF Invests in Aspen Aerogels

Greentech Media - October 8, 2010

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Daqo Solar IPO, Fat Spaniel Acquired, Greentech VC Deals and M&A

Greentech Media – October 8, 2010

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Fortis Concludes Agreements for Waneta Expansion Hydropower Project

Renewable Energy World – October 8, 2010

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JPMorgan Finances \$60 Million SunEdison Solar Deployments

New Energy World Network – October 7, 2010

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SolarEdge Gets \$25 Million for PV Optimization Tech

Clean Edge News – October 7, 2010

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US Signs Lease for Cape Wind Project

Reuters – October 7, 2010

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CSP Power Tower Approved by Federal Government

Renewable Energy World – October 7, 2010

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Hitachi Wins Equipment Contract for Lewiston Pumped-Storage Hydro Plant

Renewable Energy World – October 7, 2010

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Tessera Solar Gets BLM Approval for 709 MW Imperial Valley Solar Project

Clean Edge News – October 6, 2010

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Four Energy Efficiency-Focused Massachusetts Firms Share \$1 Million

Mass High Tech – October 5, 2010

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NEA's Azuray Unstealths in Solar Electronics, Partners with Suntech, Renhe

Greentech Media – October 5, 2010

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Venture Capital Investors Complete \$4 Million Investment in Community Energy

New Energy World Network – October 5, 2010

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Renewables Account for 11.14% of US Electricity Use

Renewable Energy World – October 4, 2010

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World's Largest Solar PV Project Complete

Renewable Energy World – October 1, 2010

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Terra-Gen Secures Financing for 67MW Geothermal Plant

Renewable Energy World – October 1, 2010

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Converteam Wins 200MW West Texas Order

Renewable Energy World – October 1, 2010

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UMass Dartmouth Invests \$170 Million in Energy and Technology Upgrades

Mass High Tech – September 30, 2010

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A123 Charts Three-Year Billion-Dollar Revenue Plan

Mass High Tech – September 29, 2010

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Report Says US Offshore Wind Power Could Hit 4GW

New Energy World Network – October 8, 2010

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Khosla's PVT Solar Raises \$13.7 Million

Greentech Media – September 28, 2010

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BrightSource Raises More Funding for Big CSP

Greentech Media – September 27, 2010

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CalCEF Announces Closing of \$11 Million Clean Energy Angel Fund

Clean Edge News – September 23, 2010

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Able Secures Approval to Build £400 Million Renewable Energy Park in UK

New Energy World Network – October 18, 2010

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First Solar Announces Plan to Build Two New Manufacturing Plants

Clean Edge News – October 15, 2010

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Veeco Instruments Bolsters Asian Footprint with \$25

Million Investment

New Energy World Network – October 15, 2010

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Prime Sun Power Partners to Develop France Solar Pipeline

New Energy World Network – October 13, 2010

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Enel Has Green Light for Europe's Biggest 2010 IPO

Reuters – October 13, 2010

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China's Wind Power Forecast at 230 GW by 2020

Renewable Energy World – October 13, 2010

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JinkoSolar 130MW Supply Contract with PV Company

New Energy World Network – October 12, 2010

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Chinese Electric Motor Manufacturer Harbin Electric Could Go Private with Baring Fund

New Energy World Network – October 12, 2010

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Denmark's Rodsand II 207MW Offshore Wind Farm Now On Line

Renewable Energy World – October 12, 2010

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French Solar Company Solairedirect Raises Further 80 Million Euros

New Energy World Network – October 8, 2010

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AlertMe Closes \$23.9 Million Funding Round for Home Energy Management Service

Clean Edge News – October 8, 2010

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Climate Change Capital Assigns Advisory Panel for €200 Million Cleantech Fund

New Energy World Network - October 7, 2010

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Germany Adds Nearly 1% of Electricity Supply with

Solar in Eight Months

Renewable Energy World – October 4, 2010

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Companies Plan 100 MW of Solar for India

Renewable Energy World – October 4, 2010

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UK's First Solar Plant Gets Go-Ahead

Renewable Energy World – September 28, 2010

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40MW Indian Solar Plant Contract Awarded

Renewable Energy World – September 28, 2010

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GE Sets Up Chinese Wind Turbine Joint Venture

Renewable Energy World – September 28, 2010

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UK Wind Sails Past 5 GW as Thanet Comes On Stream

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Massachusetts Green Energy Fund

Application Deadline: Rolling

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Energy Production with Innovative Methods of Geothermal Heat Recovery

Application Deadline: November 30, 2010

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Renewable Energy Incentives for Homes & Businesses

Application Deadline: July 1, 2010 – December 31, 2010

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Tax Incentives and Rebates

Federal Advanced Energy Manufacturing Tax Credit (48C)

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California Property Tax Exclusion for Solar Energy Systems

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Massachusetts Alternative Energy and Energy Conservation Patent Deduction (Personal and Corporate)

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Massachusetts Hydropower-Property Tax Exemption

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Massachusetts Corporate Income Tax Deduction

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Massachusetts Clean Energy Center Commonwealth Wind Incentive Program: Micro Wind

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Wind Incentive Program: Community-Scale Wind

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The Carbon Trust: The Entrepreneurs Fast Track

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US Government Approves 754MW of Solar

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Ocean Power Technologies Announces \$2.75 Million Funding for US Navy

Clean Edge News – October 5, 2010

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Bingaman, Snowe Introduce Package of Clean Energy Tax Incentives

Trading Markets – October 1, 2010

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DOE Official Visits with Massachusetts Cleantech Firms

Mass High Tech – September 29, 2010

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NREL Releases Biomass Mapping Application

Renewable Energy World – September 28, 2010

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Massachusetts Green Economy is Second in the US

Telegram – September 26, 2010

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Cleantech Ecosystems: Why Massachusetts and California are Ahead of the Rest

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Biomass Power Encounters a New Regulatory Forest

Energy and Clean Technology Practice Group, Mintz Levin – October 2010

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Overview of Energy Savings Performance Contracts

Energy and Clean Technology Practice Group, Mintz Levin – October 2010

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Court Upholds Composite Permit for Nation's First Utility-Scale Off-Shore Wind Project

Energy and Clean Technology Practice Group, Mintz Levin – October 2010

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SEC Compliance in an Era of Climate Change: What You Need to Know

Energy and Clean Technology Practice Group, Mintz Levin – October 2010

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The Federal Government's Suspension of Contractor GTSI Holds Several Important Lessons for All

Government Contractors Operating in Today's Ever-Intensifying Enforcement Environment

Government Contractor Advisory, Mintz Levin – October 12, 2010

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SEC Suspends Effectiveness of Proxy Access Rules

Securities Alert, Mintz Levin – October 5, 2010

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Green Building Newsletter

Energy and Clean Technology Practice Group, Mintz Levin – October 2010

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Amendment to Massachusetts Personnel Records Law Imposes Significant New Burdens on Employers

Employment, Labor and Benefits Advisory, Mintz Levin – September 7, 2010

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The UK Intellectual Property Office Announced a New Fast Track Examination Service for PCT Applications

Intellectual Property Advisory, Mintz Levin – July 28, 2010

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Dodd-Frank Act Affects Private Placements by Raising the Bar for Individual Accredited Investors

Venture Capital and Emerging Companies Alert, Mintz Levin – July 26, 2010

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Events

October

NREL Industry Growth Forum

October 19 -21, 2010

Denver, Colorado

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2010 Geothermal Energy Expo

October 24-27, 2010

Sacramento, California

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November

Sixth Annual Conference on Clean Energy

November 3-4, 2010
Boston, Massachusetts

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The Networked EV: Smart Grids and Electric Vehicles

November 9, 2010
San Francisco, California

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Advanced Biofuels Markets

November 9-10, 2010
San Francisco, California

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Biogas UK

November 23-24, 2010
London, United Kingdom

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January

EUEC 2011 Energy and Environment Conference

January 21-February 2, 2011
Phoenix, Arizona

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