

Mintz Levin Energy Technology

Energy Technology Connections Newsletter

Your Law Firm Link to Industry News

APRIL 2016

A Note from the Editors

Our April edition of *Energy Technology Connections* brings you recent industry highlights and a list of upcoming energy industry events. In [Leaders in the News](#), we profile **WellDog** for its work in providing cutting-edge technical services in the sustainable energy resource development sphere. Our [Innovator Profile](#) spotlights **Aspen Aerogels** and its impact on the energy market as the world's leading manufacturer of aerogel insulation. For [event highlights](#), we feature next week's **MIT Clean Energy Prize Showcase & Award Ceremony**. In addition, we feature two events taking place in May, the **World Energy Innovation Forum** and **Massachusetts Clean Energy Day**.

For links to industry grant opportunities and stories from the business, policy, and research sectors of the energy and clean technology industry, please [see our Energy Navigator](#).



Thomas R. Burton, III



Sahir Surmeli

Leaders in the News: WellDog

This month's Leader in the News is **WellDog**, an energy-focused technical services company that developed its own chemical sensing systems to provide reservoir analysis services for coal, gas, alternative, and conventional resources. Sustainable production of complex resources require producers to efficiently collect and interpret high densities of data. **WellDog** steps into the process by providing accurate data with its phenomenal cross-disciplinary team of engineers, drilling and completion experts, and operational staff.

Since its inception in 1999, **WellDog** has proven to be a pioneer in sustainable energy resource development through the use of unconventional and innovative technologies. As a trailblazer in the reservoir monitoring industry, **WellDog** invented the first reservoir evaluation technology specific to unconventional natural gas. In fact, in early 2015, **WellDog** announced that it surpassed its operational milestone as it had installed over 1,500 downhole reservoir monitoring systems since 2010 — making it one of the leading installers of such systems in the world.

Even more exciting is **WellDog's** continuous expansion of its product portfolio in new industry areas. In December of 2015, **WellDog** announced that it had established a new carbon services division dedicated to ensuring carbon dioxide can be sequestered safely and efficiently in geological formations. At this rate of expansion, **WellDog** is well-poised to further advance and innovate other untouched industry areas in the energy sphere.

Today, **WellDog** is continuing the push to supply its cutting-edge services to enterprises that focus on sustainability. In late March, **WellDog** announced that it had raised \$4.25 million in new debt financing from Cash Resources Australia of Sydney, which will help pave the way for the company's rapid growth in 2016. **WellDog's** significant achievements have not gone unnoticed: in 2015, **WellDog** was ranked the 16th fastest growing private energy company in the United States [by Inc. magazine](#) and recognized as the 101st fastest growing technology company in North America [by Deloitte](#). Congratulations to **WellDog** for its advancement of sustainable energy resource development — the Mintz Levin team looks forward to your continued growth and leadership in the energy sphere!

RELATED INDUSTRIES

▶ [Energy Technology](#)

RELATED BLOGS

▶ [Energy Tech Matters](#)

▶ [Subscribe to Mintz Levin mailing lists.](#)

▶ [Subscribe to the Energy Tech Matters blog.](#)

Innovator Profile: Aspen Aerogels

This month we feature [Aspen Aerogels](#), an energy technology company producing innovative, high-performance aerogel insulation used primarily in large-scale energy infrastructure facilities. **Aspen** has become a premier manufacturer of aerogel insulation products that offer two to five times the thermal performance of competing materials. Serving clients in a diverse array of industries, including oil and gas production and processing, liquefied natural gas shipping and storage, and building and construction, **Aspen** delivers products that save money, reduce energy use, preserve operating assets and protect workers.

Invented in 1931, aerogels are complex structures in which 97% of the volume consists of air trapped between intertwined clusters of silica solids, comprising the remaining 3% of the volume. As a result, aerogels are the world's lowest density materials and also provide superior insulating properties as convection and conduction are both inhibited. While aerogels are typically fragile, **Aspen** has developed a technically and economically viable form of aerogel for industrial insulation uses. **Aspen** provides a wide range of industrial insulation products that incorporate this aerogel technology, including its two key product lines, Pyrogel and Cryogel, which were introduced in 2008 and have wide applicability throughout the energy infrastructure market.

The future is bright for **Aspen** as it continues to expand its production in order to meet the growing demand of its customers. The company maintains its corporate headquarters in Northborough, Massachusetts along with a manufacturing facility in East Providence, Rhode Island. In October, **Aspen** celebrated the completion of its [third manufacturing line](#) at the East Providence facility that will expand the company's capacity by 25%. **Aspen** then [announced in November](#) that it will create more than 100 jobs with the construction of a second manufacturing complex in Statesboro, Georgia. We are excited to watch the continued growth of **Aspen Aerogels** — keep up the good work!

Event Highlights

MIT Clean Energy Prize Showcase & Award Ceremony

Join the MIT Clean Energy Prize on April 30 for the [Grand Final Showcase & Award Ceremony](#). At the Showcase, you'll have an opportunity to meet this year's finalist teams in categories including Renewable Energy, Energy Efficiency, and Infrastructure & Resources. At the Award Ceremony, prizes will be announced for each track as well as the \$100,000 Grand Prize Award. You'll also hear from keynote speakers, including Paul Bodnar, former Special Assistant to the President and Senior Director for Energy and Climate Change at the National Security Council, and Adam Cohen, Deputy Under Secretary for Science and Energy to the United States Department of Energy. Our own Eric Macaux is looking forward to serving as a judge for the Renewable Energy Track.

2016 World Energy Innovation Forum

There is still time to join us! Mintz Levin is returning as a sponsor of the [World Energy Innovation Forum](#) held at the Tesla Motors manufacturing facility on May 4–5, 2016 in Fremont, California. The Forum brings together the “who's who” of the energy innovation sector, including leading investors, Fortune 500 executives, technologists, policymakers and entrepreneurs for two days of high-level presentations, conversations, and networking. The event will feature many key leaders in the energy innovation sector, all of whom will take to the podium to address pivotal energy issues and opportunities of our time. Attendees will get a much-coveted look at Tesla's award-winning facility as part of a special VIP tour of the manufacturing floor, as well as a chance to test drive a Tesla.

Massachusetts Clean Energy Day

On May 19, spend a day at the Massachusetts State House where Massachusetts will showcase the growing vitality of the clean energy industry and the importance of consistent policy support as a means of catalyzing the

state's — and our region's — economy. [Massachusetts Clean Energy Day](#) is open to the general public and will include a showcase, speaking program, and the Clean Energy Champion Awards. For NECEC members, there will also be meetings with Key Legislators.

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 Technology Matters](#).

Upcoming Events

Impact Capitalism Summit: Chicago

April 26–27, 2016
Chicago, IL

[More Info »](#)

MIT Clean Energy Prize Showcase & Award Ceremony

April 30, 2016
Cambridge, MA

[More Info »](#)

MassCEC & NEWIN's Water Pitch Night

May 4, 2016
Boston, MA

[More Info »](#)

World Energy Innovation Forum

May 4–5, 2016
Tesla Factory – Fremont, CA

[More Info »](#)

Offshore Wind Market Development USA 2016

May 10–12, 2016
Boston, MA

[More Info »](#)

2016 New England Energy Conference and Exposition

May 10–11, 2016
Falmouth, MA

[More Info »](#)

GTM's Solar Summit 2016

May 11–12, 2016
Scottsdale, AZ

[More Info »](#)

2016 Energy Efficiency Global Forum

13th Annual Renewable Energy Finance Forum-Wall Street

June 21–22, 2016
New York, NY

[More Info »](#)

GTM's Grid Edge World Forum 2016

June 21–23, 2016
San Jose, CA

[More Info »](#)

Verge Hawaii: Asia Pacific Clean Energy Summit

June 21–23, 2016
Honolulu, HI

[More Info »](#)

2016 EIA Energy Conference

July 11–12, 2016
Washington, DC

[More Info »](#)

SEPA National Town Meeting on Demand Response and Smart Grid

July 11–13, 2016
Washington, DC

[More Info »](#)

2016 IEEE PES General Meeting: Paving The Way For Grid Modernization

July 17–21, 2016
Boston, MA

[More Info »](#)

Impact Capitalism Summit: Nantucket

July 20–21, 2016
Nantucket, MA

[More Info »](#)

May 11–13, 2016
Washington, DC

[More Info »](#)

Fortune Brainstorm E

May 16–17, 2016
Carlsbad, CA

[More Info »](#)

150th New England Electricity Restructuring Roundtable Gala Event

May 18, 2016
Boston, MA

[More Info »](#)

Massachusetts Clean Energy Day

May 19, 2016
Boston, MA

[More Info »](#)

AWEA WINDPOWER 2016

May 23–26, 2016
New Orleans, LA

[More Info »](#)

Distributed Energy Development & Deployment

June 1–3, 2016
Washington, DC

[More Info »](#)

2016 Northeast Energy Efficiency Summit

June 13–14, 2016
Bretton Woods, NH

[More Info »](#)

EBC 23rd Annual EBEE Awards and 26th Annual Meeting

June 16, 2016
Newton, MA

[More Info »](#)

AEE's Pathway to 2050

August 11, 2016
Sacramento, CA

[More Info »](#)

Solar Power International

September 12–15, 2016
Las Vegas, NV

[More Info »](#)

Verge: Santa Clara

September 19–22, 2016
Santa Clara, CA

[More Info »](#)

LACI Cleantech Global Showcase: GLOSHO16

October 3–4, 2016
Los Angeles, CA

[More Info »](#)

Energy Storage North America

October 4–6, 2016
San Diego, CA

[More Info »](#)

2016 Getting to Zero Forum

October 12–14, 2016
Denver, CO

[More Info »](#)

GTM's U.S. Solar Market Insight

October 25–26, 2016
San Diego, CA

[More Info »](#)

KEEA Energy Efficiency Conference

October 25, 2016
Harrisburg, PA

[More Info »](#)

Contacts

Learn more about the Mintz Levin Energy Technology group [here](#).

Thomas R. Burton III

Member
Chair, Energy Technology
(Boston)
617.348.3097
TRBurton@mintz.com

Sahir Surmeli

Member
Co-chair, Energy Technology

Ian Hammel

Member
Bankruptcy, Restructuring &
Commercial Law (Boston)
617.348.1724
IAHammel@mintz.com

Irwin M. Heller

Member
Corporate & Securities (Boston)

Conlan Orino

Project Analyst (Boston)
617.239.8327
CJOrino@mintz.com

Jeffrey R. Porter

Member
Environmental (Boston)
617.348.1711
JPorter@mintz.com

(Boston)
617.348.3013
SSurmeli@mintz.com

Lisa Adams
Member
Intellectual Property (Boston)
617.348.3054
LAdams@mintz.com

Ralph A. Child
Member
Environmental (Boston)
617.348.3021
RChild@mintz.com

Hannah C. Coman
Associate
Corporate & Securities (Boston)
617.348.1703
HCComan@mintz.com

William "Mo" Cowan
Of Counsel
Litigation
Senior Vice President &
Chief Operating Officer
ML Strategies
(Boston)
617.348.1600
MCowan@mlstrategies.com

Daniel I. DeWolf
Member
Co-chair, Venture Capital &
Emerging Companies;
Corporate & Securities (New York)
212.692.6223
DDeWolf@mintz.com

Paul H. Dickerson
Of Counsel
Corporate & Securities (Washington)
202.460.9286
PHDickerson@mintz.com

Meryl J. Epstein
Member
Corporate & Securities (Boston)
617.348.1635
MJEpstein@mintz.com

Gregory S. Fine
Member
Corporate & Securities (Boston)
617.348.3003
GSFine@mintz.com

Susan L. Foster, PhD
Member
Corporate & Securities (London)
+44.20.7776.7330
SFoster@mintz.com

Bill Geary
Member
Intellectual Property (Boston)
617.348.3046
WGeary@mintz.com

Kristin A. Gerber
Associate

617.348.1654
IHeller@mintz.com

Kanasha S. Herbert
Associate
Corporate & Securities (Boston)
617.348.3015
KSHerbert@mintz.com

Haejin Hwang
Project Analyst
617.348.4450
HHwang@mintz.com

Ken Jenkins, PhD
Member
Intellectual Property (San Diego)
858.314.1082
KJenkins@mintz.com

Jonathan L. Kravetz
Member
Chair, Securities;
Corporate & Securities (Boston)
617.348.1674
JLKravetz@mintz.com

Cynthia J. Larose
Member
Corporate & Securities (Boston)
617.348.1732
CJLarose@mintz.com

David J. Leiter
President, ML Strategies,
Washington, DC
ML Strategies (Washington)
202.434.7346
DJLeiter@mlstrategies.com

Lindsay Leone
Associate
Public Finance (Boston)
617.348.1728
LFLeone@mintz.com

R.J. Lyman
Member
Corporate & Securities, Project
Development & Finance
(Boston)
617.348.1789
RLyman@mintz.com

Audrey C. Louison
Member
Chair, Project Development &
Finance
(Washington)
202.434.7380
ALouison@mintz.com

Eric Macaux
Associate
Corporate & Securities, Project
Development & Finance, (Boston)
617.348.1677
EWMacaux@mintz.com

Jeffrey A. Moerdler
Member
Real Estate, Communications,

Jennifer Sacco Smith
Associate
Real Estate (Boston)
617.348.1678
JSaccoSmith@mintz.com

Chuck A. Samuels
Member
Antitrust/Energy Efficiency
(Washington)
202.434.7311
CASamuels@mintz.com

Gabriel Schnitzler
Member
Real Estate (San Francisco)
415.432.6004
GSchnitzler@mintz.com

Donald W. Schroeder
Member
Employment, Labor & Benefits
(Boston)
617.348.3077
DSchroeder@mintz.com

Terri Shieh-Newton, PhD
Member
Intellectual Property (San Francisco)
415.432.6084
TShieh-Newton@mintz.com

Matthew T. Simpson
Associate
Corporate & Securities (Washington)
202.434.7436
MTSimpson@mintz.com

Kaoru Suzuki
Associate
Corporate & Securities (Boston)
617.348.1847
KCSuzuki@mintz.com

Stanley A. Twarog
Member
Corporate & Securities (Boston)
617.348.1749
STwarog@mintz.com

Paula J. Valencia-Galbraith
Associate
Corporate & Securities (Boston)
617.210.6854
PVGalbraith@mintz.com

Michael D. Van Loy, PhD
Member
Intellectual Property (San Diego)
858.314.1559
MDVanLoy@mintz.com

Katy E. Ward
Associate
Environmental (Boston)
617.348.1850
KEWard@mintz.com

William F. Weld
Member
Corporate & Securities

Corporate & Securities (Boston)
617.348.3043
KAGerber@mintz.com

Jeremy D. Glaser
Member
Corporate & Securities (San Diego)
858.314.1515
JDGlaser@mintz.com

Environmental (New York)
212.692.6700
JAMoerdler@mintz.com

David L. O'Connor
Senior Vice President for
Energy Technology
ML Strategies (Boston)
617.348.4418
DOConnor@mlstrategies.com

Principal
ML Strategies
(Boston, New York, Washington)
617.348.4412
BWeld@mintz.com

Boston | London | Los Angeles | New York | San Diego | San Francisco | Stamford | Washington

www.mintz.com

Copyright © 2016 Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.