



FUNDING OPPORTUNITIES

76West Round 2

76West is a competition focused on growing entrepreneurs and attracting resources from the U.S. and around the world to build clean energy businesses and jobs in New York State's Southern Tier region. The competition offers \$20 million in prize money and support services including a \$1 million top prize.

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Advanced Manufacturing Projects for Emerging Research Exploration (DE-FOA-001465)

The Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy announced three topic areas from the Advanced Manufacturing Office including Advanced Materials, Advanced Processes, and Modeling and Analysis Tools for Materials and Manufacturing.

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Combined Heat and Power Technical Assistance Partnerships (DE-FOA-001678)

The DOE's Office of Energy Efficiency and Renewable Energy's Advanced Manufacturing Office seeks to further the installation of cost-effective, highly efficient combined heat and power (CHP)

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FY17 Vehicle Technologies Deployment Funding Opportunity Announcement (DE-FOA-001639)

The DOE is issuing on behalf of the Vehicle Technologies Office (VTO), a Funding Opportunity Announcement (FOA) supporting a broad portfolio of advanced highway transportation technologies.

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Notice Of Intent To Issue a Funding Opportunity For Industrial

WHAT'S GOING ON

Northeast Group Exhibit at Europe's largest hydrogen, fuel cells and battery exhibition

NEESC will be supporting the participation of seven (7) hydrogen and fuel cell supply chain companies from the Northeast US to exhibit at Hannover Messe, the world's largest industrial technology trade show. Small businesses in the Northeast will receive a discount on exhibit space and logistical support to participate in the Hannover Messe, which will be held **April 24-28, 2016 in Hannover, Germany**. If you would like to participate, please contact Paul Aresta at paresta@ccat.us for more information.

FuelCell Energy Applauds Connecticut Electric Grid Resiliency Enhancement Proposal Using Fuel Cells

FuelCell Energy, Inc. applauds Connecticut House Bill 7036 that is a proposed bill to enable electric utilities in Connecticut to acquire fuel cell power plants for the purpose of enhancing the reliability of the electric distribution system, which then results in the utilities avoiding or being able to defer expensive distribution system upgrades.

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Plug Power Shines Brightly On Alcatraz Island National Park

Plug Power partner, Luxfer-GTM Technologies, provides portable hydrogen fuel cell-powered light towers – called Zero-Set Lite – which use Plug Power GenSure fuel cells as the power inside. The Zero-Set Lite uses hydrogen fuel, which is purchased from any of the growing number of fueling stations around California, to provide up to 36 hours of continuous LED lighting. In the Fall of 2016, the Zero-Set Lite provided critical working light for a scheduled overnight barge exchange operation at Alcatraz Island National Park.

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Doosan Fuel Cell Will Embark on the World's First Hydrogen Only Fuel Cell Project

Doosan Fuel Cell signed an Agreement to participate in the Daesan Hydrogen Only Fuel Cell Power Plant Project at the Renewable Energy Investment Forum hosted by the Korea Ministry of Trade, Industry and Energy in December of last year. This will be a 50MW fuel cell project that will be the first to use hydrogen as the only fuel source for the fuel cells that will generate power.

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Plug Power Fuel Cells Power USPS Lift Truck Fleet in Maryland

Plug Power Inc. a leader in providing energy solutions that change the way the world moves, announces it has executed

Assessment Centers Technical Field Manager (DE-FOA-0001679)

The DOE's Office of Energy Efficiency and Renewable Energy's Advanced Manufacturing Office intends to issue a FOA entitled "Industrial Assessment Centers Technical Field Manager"

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InnovateMass Program announces grant funding and technical support

The InnovateMass Program provides up to \$150,000 in grant funding and technical support to applicant teams deploying new clean energy technologies, or innovative combinations of existing technologies with a strong potential for commercialization.

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UPCOMING WEBINARS

[Learn more about 76 West iclean incubator webinar](#) (- March 3, 2017 10:00-11:00am EST)

[USPTO-SBA Joint Free-Intellectual Property Webinar Series](#)-March 6-15

UPCOMING EVENTS

[FC EXPO](#) (Tokyo Big Sight, Japan) - March 1-3, 2017

[International Battery Seminar and Exhibit](#) (Fort Lauderdale convention Center- Fort Lauderdale, FL.)- March 20-23, 2017

[2017 Ohio Fuel Cell Symposium](#) (Elyria, OH) - March 30-31, 2017

[Hannover Messe](#) (Hannover Germany) – April 24-28, 2017

[ACT Expo and Conference](#) (Long Beach, CA) - May 1-4, 2017

Hydrogen + Fuel Cells NORTH AMERICA at [SOLARPOWER International](#) (Las Vegas, NV) - September 10-13, 2017

[2017 Fuel Cell Seminar and Energy Exposition](#) (Long Beach, CA) - Nov 7-9, 2017

on an awarded contract from The United States Postal Service (USPS) by deploying 36 GenDrive hydrogen fuel cell units for class 1 sit-down counterbalance trucks and 49 GenDrive hydrogen fuel cell units for class-3 pallet jacks in their material handling fleet.

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NEL ASA Acquires Proton OnSite to Create the World's Largest Electrolyser Company and Launches Private Placement

Nel ASA has entered into a non-binding term sheet to acquire the Connecticut U.S. based hydrogen technology company Proton Energy Systems Inc. ("Proton OnSite"). This will create the world's largest hydrogen electrolyser company with a global footprint.

[Read More](#) →

5 Million Hydrogen Fuelings Performed By Material Handling Customers – No Small Feat, Never Done Before, By Anyone, Anywhere.

On Sunday, February 5 at 9:22 am ET, an operator at Kroger performed the 5 millionth hydrogen refueling from a GenFuel dispenser in Louisville, KY. It was a close call – operators at Home Depot, Walmart, BMW, Lowes and Mercedes just missed being number 5 million. Cumulative of all 5 million fuelings, more than 3 million kg of hydrogen has been dispensed from Plug Power's hydrogen stations into electric vehicles.

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Protonex Showcases Power Management Solutions at IDEX 2017

Protonex Technology Corporation, a wholly owned subsidiary of Ballard Power Systems announced that it has launched its industry leading intelligent Power Manager and battery charger products in the Middle East. Protonex exhibited and demonstrated its lightweight Power Management solutions for soldiers at the IDEX 2017 Expo and Conference in Abu Dhabi, United Arab Emirates, February 19th to 23rd.

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Sustainable Innovations Teams to Develop Breakthrough Compressor Critical for Growth of Multi-Billion Dollar Zero Carbon Hydrogen Fuel Industry

Sustainable Innovations, Inc. and its partners, Greenway Energy and Savannah River National Laboratory, will team to maximize the benefits of two cutting edge hydrogen compressor technologies by combining them into one high reliability, high efficiency hybrid compressor. This important R&D effort will address one of the most stubborn problems plaguing the hydrogen fueling industry – how to cost effectively compress hydrogen for storage on board a vehicle.

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FEATURED COMPANY

[Luxfer-GTM Technologies](#) is a joint venture between Luxfer Gas Cylinders and GTM Technologies to provide portable lighting solution using fuel cell technologies. As one of the first companies to offer composite cylinder gas transports in the USA and Asia, we have become a leader in the industry as one of the largest gas transport module manufactures in the world. Our purpose is to provide customized solutions for service industries, helping them store and transport gases in a safe and reliable way.

Luxfer-GTM Technologies' Zero-Set Lite represents a new concept for lighting with zero emission portable light towers. Powered with a highly efficient fuel cell, the Zero-Set Lite comes with the features normally provided with most light towers, but without emission, low noise, and minimal maintenance requirements. Set-up and operation of the Zero-Set Lite is easy, safe, and designed to provide consistent lighting even in the most demanding environments. The Zero-Set Lite can be refueled at any hydrogen refueling station, similar to [Proton OnSite's](#) SunHydro station, located in Wallingford, Connecticut.



The Zero-Set Lite provides power to critical working lights for an overnight barge exchange operation at Alcatraz Island National Park.

MAJOR FEATURES THAT HIGHLIGHT THE ZERO-SET LITE MOBILE LIGHT TOWER ARE:

- Zero Emissions.
- Low Noise.
- Low Maintenance.

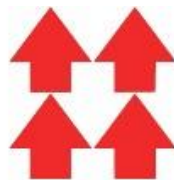
LIGHTING APPLICATIONS

- Special Events
- Environmentally Sensitive Areas
- Disaster Recovery
- Remote Locations



Luxfer-GTM Technologies and Air Liquide celebrate National Hydrogen Fuel Cell Day as part of Fleet Week

Visit www.luxfergtm.com or contact [DeLisa Leighton](#) for more information about Luxfer-GTM Technologies' products and solutions.



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Alex Barton
Connecticut Center for Advanced Technology, Inc.
222 Pitkin Street Suite 101
East Hartford, CT 06108



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