



FUNDING OPPORTUNITIES

Hydrogen and Fuel Cell Technologies Research, Development, and Demonstrations (No. DE-FOA-0001412)

Focus: R&D for hydrogen technologies, demonstration and deployment for manufacturing technologies, R&D with Consortia for fuel cell performance and durability, and cost and performance analysis for hydrogen production.

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SBIR/STTR FY16 Phase I Release 2 Topics Announced

The U.S. Department of Energy has announced the 2016 Small Business Innovation Research and Small Business Technology Transfer (SBIR/STTR) Phase I Release 2 Topics, including the development for hydrogen delivery and two technology transfer opportunities (TTO).

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REAP Energy Audit and Renewable Energy Development Assistance Program

Focus: Assist rural small businesses and agricultural producers by conducting and promoting energy audits, and providing renewable energy development assistance (REDA).

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PON 2157- RPS Customer-Sited Tier Fuel Cell Program-Small Fuel Cell

Focus: Incentives to support the installation and operation of a continuous duty fuel cell systems in New York State, with up to \$50,000 available for fuel cell systems rated at 25 kW or less.

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PON 2157- RPS Customer-Sited

WHAT'S GOING ON

New York Microgrid Demonstration Project Uses Low-Cost Storage

A New York microgrid demonstration project will use an energy storage system from Eos Energy that the company describes as the lowest-cost battery storage on the market. The New York State Energy and Research Development Authority awarded Eos Energy \$750,000 to support production, installation and demonstration of the 250 kW, 1000 kWh battery energy storage system that will be used in Wappingers Falls microgrid.

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Wallingford's Proton OnSite gets Federal \$2.5 million Battery Contract

The U.S. Department of Energy has awarded Proton OnSite a \$2.5 million contract to develop a specialized battery capable of generating hydrogen to power fuel cells while also storing energy on the electric grid. The company was one of 41 private sector companies and educational institutions to share in a portion of \$125 million in grants awarded by the DOE's Advanced Research Projects Agency-Energy.

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Energy Department Announces \$35 Million to Advance Hydrogen and Fuel Cell Technologies

The Department of Energy announced up to \$35 million in available funding to advance hydrogen and fuel cell technologies that will reduce our nation's dependence on foreign oil and cut harmful carbon emissions. This funding will accelerate American innovation in hydrogen and fuel cell technologies by supporting research and development, early market deployments, and domestic manufacturing.

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FuelCell to install 5.6 MW at Pfizer campus

FuelCell Energy has signed an agreement with Pfizer to install and maintain a 5.6-megawatt fuel cell system at the pharma giant's 160-acre Groton campus. The two companies have agreed on a power-purchase agreement under which Pfizer will buy the power and steam produced by the combined-heat-and-power (CHP) system for 20 years.

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Plug Power GenKey Hydrogen and Fuel Cell Solution Earns a Spot on Food Logistics 2015 FL100+ List for Second Year

Plug Power Inc. has been named to the 2015 Food Logistics FL100+ list. Food Logistics is the only publication dedicated

Tier Fuel Cell Program-Large Fuel Cell

Focus: Incentives to support the installation and operation of a continuous duty fuel cell systems in New York State, with up to \$1 million available for fuel cell systems rated larger than 25 kW or less.

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UPCOMING WEBINARS

[Export Documentation Basics with Export Compliance](#) - February 18, 2016 | 8:30 AM - 12:00 PM EST

[Export Documentation Basics](#) - February 18, 2016 | 1:15 PM - 4:00 PM EST

[Financing Fuel Cell/Hydrogen Energy](#) - February 18, 2016 | 2:00 PM - 3:00 PM EST

[Fuel Cells for Telecom \(Renewable H2\)](#) - March 17, 2016 | 2:00 PM - 3:00 PM EST

UPCOMING EVENTS

[Energy Storage Policy Forum](#) - January 28, 2016

[NY-BEST Annual Conference and Meeting: Capture the Energy](#) - March 9 & 10, 2016

[ASME Power & Energy Conference & Exhibition](#) - June 26 - 30, 2016

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

The Northeast Electrochemical Energy Storage Cluster invites hydrogen and fuel cell supply chain companies in the Northeast US to exhibit at Hannover Messe, the world's largest industrial technology trade show. Hannover Messe will be held **April 25-29, 2016 in Hannover, Germany**. Contact Paul Aresta at paresta@ccat.us for more info.

exclusively to the global food and beverage supply chain. The publication's twelfth annual FL100+ list profiles innovative technology and software providers who influence the global food and beverage supply chains. Plug Power's, GenKey, is revolutionizing the hydrogen and fuel cell market for material handling applications.

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Tax Credit For Hydrogen Fuel-Cell Vehicles Extended By Budget Deal

A tax credit for fuel-cell vehicles was given a short-term extension through the end of 2016. This is the same credit that expired at the end of 2014, which comprised a base-income tax credit of \$4,000 for light-duty fuel-cell vehicles, plus additional credits determined by fuel economy.

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U.S. Fuel Cell Market Production and Deployment Continues Strong Growth

The Energy Department released three new reports showcasing strong growth across the U.S. fuel cell and hydrogen technologies market – continuing America's leadership in clean energy innovation and providing U.S. businesses and consumers more affordable, cleaner transportation and power options. According to these reports, the United States continues to be one of the world's largest and fastest growing markets for fuel cell and hydrogen technologies.

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Speeding Up the Hydrogen Highway

Sandia National Laboratories and the National Renewable Energy Laboratory (NREL), the Hydrogen Station Equipment Performance device, or HyStEP, could reduce the time to commission new stations from months to just one week. HyStEP is funded by DOE's Office of Energy Efficiency and Renewable Energy's Fuel Cell Technologies Office as part of the Hydrogen Fueling Infrastructure Research and Station Technology (H2FIRST) project.

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Obama to attend the 2016 Hannover Messe trade show in April

President Barack Obama will travel to Germany in late April to attend the trade show known as the Hannover Messe and to meet with German Chancellor Angela Merkel, the White House said on Wednesday, December 30, 2015. Obama will discuss efforts to advance U.S.-European talks on a transatlantic trade pact during his visit.

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FEATURED COMPANY

[Midsun Specialty Products, Inc.](http://www.detectape.com) (MSP) has been a provider of silicone and specialty products to industries across the globe since 2000. Originating in electric utility solutions, MSP is launching it's latest product into hydrogen generation, processing, storage, and transmission markets using joint technology from MSP and Boulder, CO based [Element One](http://www.elementone.com). Their latest product, called DetectTape™, aims to alleviate concerns with hydrogen leaks by providing a low cost and easy to install indicator that changes color when a concentrated hydrogen leak is detected. This localized detection technology is intended to expedite maintenance repair and help reduce safety hazards in hydrogen related facilities. DetectTape™ is now available for trial and procurement. More information on DetectTape™ is available at <http://www.detectape.com>.



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The Northeast Electrochemical Energy Storage Cluster, administered by the Connecticut Center for Advanced Technology, Inc., is funded through a contract with the U.S. Small Business Administration.

Published by Connecticut Center for Advanced Technology, Inc.
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