



FUNDING OPPORTUNITIES

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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Peak Demand Management Grant Program

The Peak Demand Reduction Grant Program is a \$4.5 million DOER initiative designed to test strategies for reducing Massachusetts' energy usage at times of peak demand.

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FY17 SBIR Phase I Release 1 Topics Announced: Includes Fuel Cell Catalysts and Hydrogen Delivery

The US DOE has announced the 2017 Small Business Innovation Research and Small Business Technology Transfer (SBIR/STTR) Phase 1 Release 1 topics.

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RFI: DE-FOA-0001626

The U.S. DOE's Fuel Cell Technologies Office has issued a request for information (RFI) to obtain feedback from stakeholders regarding deployment of hydrogen fueling stations, delivery infrastructure, and barriers and activities to pursue in both the near and longer term.

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PON 2568 CHP Program

Incentives may be available through NYSERDA's Combined Heat and Power (CHP) Program for the installation of grid-connected CHP systems at customer sites that pay the System Benefits Charge (SBC)

WHAT'S GOING ON

Plug Power Secures Carrefour Group as Retail GenDrive Fuel Cell Customer in France

Plug Power Inc. has announced that the Carrefour Group is a new GenDrive fuel cell customer in Europe. The retailer will purchase more than 150 GenDrive units, to be deployed in STILL-brand class-2 and class-3 electric lift trucks at Carrefour's brand new distribution center located in Vedrin-les-Bethune, France.

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D.C. Showcases Cutting-Edge Hydrogen Fueling Station Demo

The Department of Energy partnered with the Department of Interior's National Park Service on launching a new technology demonstration hydrogen refueling station in our nation's capital. The station is supported by Proton OnSite and their corporate partners SunHydro and Air Products. The station incorporates DOE-funded electrolysis technology advancements and can produce roughly 30 kilograms of hydrogen per day that can fuel roughly six cars per day.

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PCI Wins DOE SBIR Award for New System for Reforming Refinery Gas to Hydrogen

Precision Combustion, Inc. (PCI) has received a Department of Energy SBIR Phase I award to explore a new reforming system for more fully using refinery gas, or still gas, to produce hydrogen for internal refinery needs. The proposed system uses advanced Microlith® catalysts with the goal of enabling refineries to more fully use still gas as a feedstock for hydrogen production, improving refinery energy efficiency with increased operational flexibility and reduced greenhouse gas emissions.

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Pall Corporation Introduces Advanced 5 nm PTFE Filtration Membrane for Wet Chemical Processing

Pall Corporation announced the availability of its new 5nm XpressKleen filter. The filter is the latest addition to Pall's successful XpressKleen chemical filter line-up and is a key component of Pall's disposable PFA (Perfluoroalkoxy alkanes) KleeneChange assemblies. The new filter will be featured at SEMICON West in San Francisco.

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Energy Department Announces \$14 Million to Advance Hydrogen Fuel Technologies

The U.S. Department of Energy announced up to \$14 Million in funding for the advancement of hydrogen fuel technologies. Specifically, these selections include advanced high-temperature water splitting, advanced compression, and thermal insulation technologies. Danbury, CT based FuelCell

on their electric bill.

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2016 Vehicle Technologies Multi-Topic Funding Opportunity (DE-FOA-0001535)

The U.S. DOE's Fuel Cell Technologies Office has issued a funding opportunity announcement to accelerate the adoption of light, medium, and heavy duty vehicles that operate on fuels such as biodiesel, electricity, E85, hydrogen, natural gas, and propane.

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UPCOMING WEBINARS

[Taking Your Business Global;](#)

Wednesday, August 10: 11:00 AM - Noon EST

[SCORE: Maximize Your Social Media Presence with Minimal Time;](#)

Thursday, August 11: 1:00 PM - 2:00 PM EST

[Women Owned Small Business \(WOSB\) Contracting](#)

[Certification;](#) Tuesday, August 23: 1:00 PM - 2:30 PM EST

UPCOMING EVENTS

[SBIR Road Tour](#) - Dates Vary By Region-Summer 2016

[2016 DOE Energy Exchange - Providence, Rhode Island,](#) August 9-11, 2016

[DARPA SBIR and STTR Industry Day Meeting Announcement,](#) September 6-8, 2016

[AltWheels Fleet Day](#) - September 19, 2016

[World of Energy Solutions - Messe Stuttgart,](#) October 10-12, 2016

[NY BEST Energy Storage Technology Conference](#) - October 20, 2016

FEATURED COMPANY

Energy, Inc and Newton, MA based Giner, Inc. were among the companies with projects selected for funding.

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U.S. DOT to Solicit and Designate National Corridors Through Fixing America's Surface Transportation (FAST) Act

The Federal Highway Administration has invited state and local officials nationwide to nominate routes in their areas where drivers can charge up electric vehicles and those that run on other alternative fuels. These "zero-emission" and "alternative fuel" corridors will help to ensure drivers have the information they need to make their travel plans. The Fixing America's Surface Transportation (FAST) Act requires DOT to solicit and designate national corridors along major highways for plug-in electric vehicle charging, as well as for hydrogen, propane, and natural gas fueling.

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NEESC to Co-host CleanTech Energy Storage Finance Forum

To foster the growth of clean energy technologies, the Northeast Electrochemical Energy Storage Cluster (NEESC), and North Shore InnoVentures (NSIV) are partnering to co-host the **Cleantech Energy Storage Finance Forum** at the Massachusetts Clean Energy Center (MassCEC) in Boston on September 15 from 5:00 PM to 8:00 PM. The Forum will feature short "pitches" from several startup companies in the clean energy storage market space, a panel presentation, and diversified networking sessions.

Interested in "Pitching" at the 2016 Boston CleanTech Finance Forum? (September 15, 2016)? Contact [Paul Aresta](#) for more information.

IKEA To Increase Investment In Fuel Cells

IKEA, the world's leading home furnishings retailer, announced it is furthering its renewable commitment with plans for biogas-powered fuel cell systems at four more of its California stores. A year ago, IKEA completed installation of such a project at IKEA Emeryville, one of the Swedish company's two San Francisco-area stores. IKEA now plans to expand its fuel cell portfolio to 1.3 MW with a system at its other San Francisco-area store (in East Palo Alto), as well as three stores in Southern California (Costa Mesa, Covina and San Diego).

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Proton OnSite, a world leader in on-site gas generation, manufactures and supplies the most advanced hydrogen generation systems available today. Since 1996, the company has developed and applied hydrogen technology in both creative and practical manners to best suit diverse customer demands. Proton's latest hydrogen refueling station, supported by the Department of Energy (DOE) and the National Renewable Energy Laboratory (NREL), is being hosted by the National Park Service (NPS) at their Brentwood Avenue maintenance facility for a duration of four years. The station features a novel and compact equipment arrangement, that allows for easy siting and accelerated commissioning.



Proton provided the equipment through investment from its corporate partner SunHydro, and DOE provided design support through its Tech Val program office. NREL provided additional site development and program management support to enable a fully operational fueling station that will support fuel cell electric vehicle (FCEV) deployment in the metro Washington area. The station is available to fuel FCEVs involved in activities associated with the demonstration, while also validating the safety and reliability of PEM electrolysis as a source of zero emission fuel. Visit www.protononsite.com to learn more!



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