



## FUNDING OPPORTUNITIES

### Department of Energy H2@Scale CRADA Call

This Request for Proposals (RFP) issued by the Department of Energy's (DOE) Fuel Cell Technologies Office seeks to double the impact of its funding in the applied research portion of its portfolio to accelerate technology advancement in support of the Hydrogen@Scale objectives.

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### Massachusetts Clean Energy Center (MassCEC) AmplifyMass ARPA-E Matching Funds Program-Solicitations

MassCEC seeks applications from Massachusetts-based clean technology companies and university research teams under its AmplifyMass Program.

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### NYSERDA PON 3541

#### Demonstrating Distributed Energy Storage for 'Stacking' Customer and Grid Values

NYSERDA is seeking field demonstration projects of commercial distributed energy storage systems that leverage the flexibility of energy storage to 'stack' two or more value streams by performing multiple functions for retail electric customers.

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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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## WHAT'S GOING ON

### Precision Combustion is growing and looking to fill multiple positions!

Precision Combustion, Inc., a privately-held clean energy technology company, is developing and manufacturing advanced reactors and systems that offer breakthrough performance and advantages for targeted applications. Please see the link below for open and upcoming career opportunities.

[Read More](#) →

### Department of Energy Shows Fuel Cells Used in Maritime Applications Can Increase Efficiency by 30%

Recently, the U.S. Department of Energy's (DOE's) Fuel Cell Technologies Office in the Office of Energy Efficiency and Renewable Energy released a report authored by Sandia National Laboratories detailing the results of a maritime fuel cell generator project.

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### US Hybrid Receives Orders for Fuel Cell Electric Street Sweeper for Caltrans

US Hybrid announced that it has received an order from Global Environmental Product "GEP" to produce fuel cell electric street sweeper for California Department of Transportation "Caltrans". The fuel cell powered street sweepers are manufactured in San Bernardino, CA by GEP, the electric powertrain is manufactured in Torrance, CA, and the fuel cell is manufactured by US FuelCell in South Windsor, CT.

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### Bloom Energy and PowerSecure Land Country's Biggest Fuel Cell Deployment to Date

Last year, fuel cell maker Bloom Energy and Southern Company microgrid subsidiary PowerSecure announced a partnership to bring 50 megawatts of fuel cells to market through upfront financing and power-purchase agreements.

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### Zero-Emissions Fuel Cell Bus and Hydrogen Station in Service at MBTA

Nuvera helped celebrate Boston's first zero-emissions fuel cell bus and hydrogen refueling station at a recent press event attended by Massachusetts and MBTA officials. The bus and station are deployed at the Massachusetts Bay Transportation Authority (MBTA) through the National Fuel Cell Bus Program (NFCBP), which is sponsored by the Federal Transit Administration (FTA).

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**Development Assistance  
Opportunity for Roll-to-Roll  
Advanced Energy Materials for  
Manufacturing**

The Fuel Cell Technologies Office announced a call for cooperative research and development agreements between national laboratories and industrial partners.

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**UPCOMING WEBINARS**

[ARPA – E Investments in Hydrogen Technology Advancements](#) - Hosted by NEESC, Tuesday, September 19, 2017, 1:00 - 2:00 PM EDT

[Export Essentials for Small Businesses](#), Hosted by the SBA Illinois District Office, September 19, 2017 3:30 pm ET - 4:30 pm ET

**UPCOMING EVENTS**

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

[2017 Energy Storage & Microgrid Conference](#) (Newton, MA) - September 11, 2017

[NY-BEST's Annual Energy Storage Technology Conference](#) (Rochester, NY) - October 11, 2017

[ChallengeHER: Opportunities for Women in Federal Contracting](#) (Hartford, CT) - September 15, 2017

[The Future of Energy Conference](#) (Cromwell, CT) - October 17, 2017

[North American Fuel Cell Bus Conference](#) (Canton, Ohio) November 2-3, 2017

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

**FuelCell Energy Announces Fuel Cell Project with NRG Energy Center Pittsburgh**

FuelCell Energy announced that the NRG Energy Center in Pittsburgh, Pennsylvania will host a fuel cell power plant under a previously awarded U.S. Department of Energy contract. The power plant will deliver energy to the NRG facility, which provides heating and cooling for more than six million square feet of commercial and residential facilities in downtown Pittsburgh.

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**DeLauro Visits Proton OnSite, ARPA-E Program Site**

Congresswoman Rosa DeLauro (CT-03) went to Proton OnSite in Wallingford to discuss and see first-hand the benefits of the Advanced Research Projects Agency - Energy (ARPA-E) program, including the job opportunities created through its investment in innovative technologies.

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**Acumetrics, Inc. is pleased to announce Elotek Systems, Inc. as the exclusive Sales Representative for Acumetrics in the Western United States.**

To broaden its ability to service their customers, Acumetrics, Inc. of Walpole, MA has recently entered into a manufacturer representative agreement with Elotek Systems, Inc. covering 13 states in the western region of the USA.

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**NEESC to Co-host the 2017 Energy Storage & Microgrid Conference**

The Conference, which will be held on **September 11, 2017** at the Boston Marriott Newton in Newton, MA, will address the commercial application of energy storage and microgrid technologies. This event will feature several moderated panel discussions, including the use of fuel cells in microgrids and hydrogen for energy storage.

[Access Conference Website Here](#)

**Hyundai reveals new hydrogen fuel cell SUV with 360-mile range**

Korean automaker Hyundai unveiled a new hydrogen fuel cell-powered sport-utility vehicle in a sign that automakers aren't giving up on the zero-emissions technology despite surging investments in competing electric cars. The company gave an early look at the unnamed vehicle before it makes its official debut in 2018, saying it had made substantive improvements in fuel efficiency, performance, durability and design over a previous hydrogen model.

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**FEATURED COMPANY**

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US Hybrid, Inc., a California-based company with subsidiaries in Connecticut, Massachusetts, and Hawaii, unveiled a zero-emission class 8 fuel cell port drayage truck featuring its PEM fuel cell engine during the Advanced Clean Transportation (ACT) Expo at the Long Beach Convention Center in May. The fuel cell tractor, developed by US Hybrid, is one of two demonstration tractors scheduled for delivery at the Ports of Los Angeles and Long Beach. The fuel cell tractor features US Hybrid's FCe™80 PEM fuel cell engine with an 80 kW continuous power rating and a 500 horsepower traction motor with 2,900 foot pounds of direct drive. It has a gross vehicle weight rating of 80,000 pounds, an estimated driving range of 200 miles under normal drayage operation, and can be fully refueled in less than nine minutes. US Hybrid is well positioned to be a major US manufacturer of fuel cell engines for the medium- and heavy-duty commercial transportation sector.



US Hybrid has also announced its plans to expand its Connecticut production facility via a joint venture with Dewei. The joint venture, US FuelCell Inc. ("USFC"), will focus on the production of US Hybrid's PEM fuel cell engines, including the FCe™80 and the FCe™40 fuel cell engines for heavy duty commercial trucks and transit buses. USFC anticipates production and delivery of more than 1,200 PEM fuel cell engines in the next 36 months. The higher-volume fuel cell engine production capability will enable fleets to realize a comparable return on investment when compared to other clean fuel engines. For more information regarding US Hybrid and USFC, visit their websites at <http://www.ushybrid.com/> and <https://www.usfuelcell.com/>.



**EXPLORING NEESC SERVICES**

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<p><b>EXPORT READINESS</b></p>	<p><b>MANUFACTURING ASSISTANCE</b></p>	<p><b>MARKET DEVELOPMENT</b></p>	<p><b>INCUBATOR ASSISTANCE</b></p>

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