



## Today is National [Hydrogen and Fuel Cell Day!](#)

### FUNDING OPPORTUNITIES

#### MassCEC's Catalyst Program

Focus: Catalyst helps university research teams or early-stage startups develop proof-of-concept studies and initial prototypes, reach specific milestone(s) that will attract follow-on financing and fill funding gap for undemonstrated clean technologies.

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#### MassCEC's InnovateMass Program

Focus: InnovateMass helps companies accelerate toward their market objective by derisking deployment of their technology by providing competitive grants, up to \$150,000.

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#### Medium and Heavy Duty Vehicle Powertrain Electrification and Dual Fuel Fleet Demonstration Modification 1

Focus: Reduce petroleum consumption through the research, development, and deployment of alternative fuel and vehicle electrification technologies.

DE-FOA-0001349

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#### Deployment of Clean Energy and Energy Efficiency Projects on Indian Lands

Focus: Incentives to support the installation of facility-scale clean energy and energy efficiency projects and community-scale clean energy projects on Indian lands.

DE-FOA-0001390

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#### Small Business Vouchers (SBV) Request for Assistance (RFA)

Focus: The Small Business Vouchers (SBV) Pilot is a mechanism

### WHAT'S GOING ON

#### Cleantech Energy Storage Forum 2015

On September 23, 2015, NEESC and North Shore InnoVentures held a Cleantech Energy Storage Finance Forum, at the offices of the Massachusetts Clean Energy Center in Boston, MA. This "sold out" forum featured participants that included clean energy stakeholders, investors, and entrepreneurs. This forum also included a cleantech panel composed of representatives from SolarCity, NRG Energy, and the Commissioner of the Massachusetts Department of Energy Resources. The event featured short "pitches" from eight start-up companies in the energy storage market.

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#### NEESC and WNE to host Business of Energy Storage Forum

On October 22, 2015, NEESC and Western New England University (WNE) will co-host a Business of Energy Storage forum that will bring together key stakeholders in the electrochemical energy storage industry. This event will feature a dynamic "matchmaking" session with one-on-one meetings between OEMs, organizations, and supply chain companies. The matchmaking session will include Doosan Fuel Cell America, FuelCell Energy, GE Fuel Cells, McPhy Energy, Proton OnSite, SunEdison, the United Illuminating Company, US DOE, and US SBA.

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#### SBA Announces Funding to Boost Export Opportunities for Small Businesses

Small businesses across the country will have access to \$17.4 million in funding to help them enter and compete in the global marketplace, as the Small Business Administration (SBA) announced that 40 awards from the agency's State Trade and Export Promotion (STEP) program will be made to states and territories to support activities to increase exporting by small businesses.

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#### Larson Introduces Bill to Promote Fuel Cell Development

U.S. Representative John B. Larson introduced the *Fuel Cell Tax Extenders Act of 2015* to extend federal incentives for residential, commercial, and vehicular fuel cell use. Several identical tax incentives expired in 2014, while others are set to expire in December 2016. This legislation will extend those credits through the year 2021, promoting American energy independence and clean energy development.

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structured to allow small businesses engaged in the renewable energy and the energy efficiency sectors greater access to the vast capabilities and resources that exist at the DOE National Laboratories.

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#### **PON 1219 - Existing Facilities Program**

Focus: energy efficiency and peak demand reduction incentives to implement electric and natural gas efficiency improvements in New York State.

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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 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**

[Fuel Cells for Educational Facilities: Hydrogen and Fuel Cells for Resilient Power](#) - October 8, 2015 | 3:00 - 4:00 PM ET

[Massachusetts Clean Energy Opportunities: For Early Stage Companies and Universities](#) - October 16, 2016

### **UPCOMING EVENTS**

[National Hydrogen & Fuel cell Day](#) - October 8, 2015

[Bridging Renewable Electricity with Transportation Fuels Workshop](#) - Contact ARPA-E for details

[The Business of Energy Storage](#) -

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#### **Sweden's Largest Hydrogen Fuel Station is Now Open**

Sweden's largest hydrogen fuel station has been opened by AGA, a subsidiary of the Linde Group. The fueling station is also the first to be opened in Stockholm and will supply fuel to those with fuel cell vehicles. These vehicles have yet to see widespread commercial release in Sweden, but the country is expected to become a prominent market for fuel cell vehicles in the near future, especially as new fuel stations are developed.

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#### **Proton OnSite Named Recipient of Marcum Tech Top 40 Award**

The Connecticut Technology Council (CTC) and Marcum LLP announced Proton OnSite has made the 2015 Marcum Tech Top 40 list of the fastest growing technology companies in Connecticut. Proton OnSite will be honored at an awards ceremony at the Wallingford Theater on September 24.

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#### **Constellation, Bloom Deal Highlights Fuel Cells**

Solid oxide fuel-cell producer Bloom Energy announced an agreement to develop 40 MW of projects on behalf of Constellation, a subsidiary of the utility holding company Exelon. These fuel cells will be deployed at over 170 sites belonging to commercial and public-sector customers (including AT&T, the City of Hartford, CT, and Walmart) in California, Connecticut, New Jersey and New York.

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#### **FuelCell Energy Progressing Scalable and Affordable Carbon Capture Solution With \$23.7 Million Project**

FuelCell Energy, Inc. announced the selection for negotiation of a \$23.7 million cost share carbon capture project with the support of the U.S. Department of Energy Office of Fossil Energy. Sponsored by the National Energy Technology Laboratory, the project is to install and operate a two-megawatt Direct FuelCell® (DFC®) system configured for carbon capture in addition to power generation. The Company expects to finalize the award with the DOE by the end of September 2015.

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#### **McPhy to Equip its First Hydrogen Refueling Station in France**

McPhy Energy, which recently expanded its product range by integrating a hydrogen refueling station pump technology, has just been awarded its first project in France to equip a station to be built in Lyon.

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#### **Home Depot Turns to Plug Power Hydrogen Fuel Cells for Ohio Distribution Centre**

The Home Depot implemented a comprehensive GenKey solution that improves productivity and eliminates lead-acid batteries in the warehouse. This included construction of an outdoor GenFuel hydrogen fuelling infrastructure, installation of four indoor hydrogen-dispensing stations, and deployment

October 22, 2015

[2015 Fuel Cell Seminar and Energy Exposition](#) - November 16-19, 2015

[Green Technologies Suppliers Meetings](#) - November 17-19, 2015

[European Fuel Cell Conference and Exhibition](#)- December 16-18, 2015

of 172 Plug Power GenDrive fuel cells in the centre's forklift trucks. The package also includes GenCare aftermarket service and support.

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## FEATURED COMPANY

[Dexmet Corporation](#) manufactures precision expanded metals, foils and polymers with exacting mechanical and electrical properties to meet very tight conductivity, weight and dimensional tolerances needed in electrochemistry applications. Dexmet's precision expansion process ensures high reproducibility leading to more consistent cell production and lower cost of quality. Dexmet Quality System is ISO 9001:2008 certified.



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### MENTORING



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