



FUNDING OPPORTUNITIES

Notice Of Intent To Issue (DE-FOA-0001679) a Funding Opportunity For Industrial Assessment Centers Technical Field Manager

The Office of Energy Efficiency and Renewable Energy's (EERE) Advanced Manufacturing Office (AMO) intends to issue a Funding Opportunity Announcement (FOA) entitled "Industrial Assessment Centers Technical Field Manager"

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DE-FOA-001700 Request for Information (RFI): Hydrogen and Fuel Cell Manufacturing: Identifying Specific Components for Manufacturing Standardization Synopsis 1.

The DOE's Golden Field Office has issued a Request for Information regarding "Hydrogen and Fuel Cell Manufacturing" Identifying Specific Components for Manufacturing Standardization.

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FY17 SBIR Phase I Release 2 Topics Announced: Includes Fuel Cell Bipolar Plates, Hydrogen Delivery, and Emergency Hydrogen Refuelers

The DOE announced the 2017 Small Business Innovation Research and Small Business Technology Transfer (SBIR/STTR) Phase 1 Release 2 topics, including three subtopics focuses hydrogen and fuel cell technologies.

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Deployment of Clean Energy and Energy Efficiency Projects on Indian Lands - 2016

The DOE's Office of Indian Energy Policy and Programs has issued a FOA ([DE-FOA-0001660](#)) to install clean energy and energy efficiency

WHAT'S GOING ON

FuelCell Energy Announces a New Project with E.ON Connecting Energies

FuelCell Energy Inc. announced on behalf of FuelCell Energy Solutions GmbH, the sale of a fuel cell power plant to E.ON Connecting Energies GmbH (E.ON) as part of a collaborative joint business approach that is a repeatable business model for a broad range of customers and applications.

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Energy Department Highlights Top Three Hydrogen and Fuel Cell States with More Focus on Domestic Manufacturing.

The Department of Energy's (DOE) Fuel Cell Technologies Office (FCTO) has announced the top three states in hydrogen and fuel cell industry activities while now seeking stakeholder feedback to improve standardized manufacturing in the industry. According to the newly released State of the States: Fuel Cells in America 2016 report, the top three hydrogen and fuel cell states are California, Connecticut, and New York. California is home to the greatest number of stationary fuel cells while Connecticut and Delaware are home to the largest installations (roughly 15 MW and 30 MW, respectively-equivalent to power approximately 15,000 houses and 30,000 houses, respectively)

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CTNext Launches Growth Company Grants Program. New Program offers \$25,000 grants to support companies with highest growth potential.

CTNext has launched a new program, [Growth Company Grants](#), which focuses on supporting business sectors and companies with the highest growth potential. The Initiative offers grants of up to \$25,000 for strategic projects and customer acquisition.

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Hydrogen and Fuel Cell Industry Positioned for Future Growth

The Northeast Electrochemical Energy Storage Cluster (NEESC) and the Connecticut Green Bank co-hosted the Hydrogen and Fuel Cell Forum on Thursday and Friday, November 17 and 18 in Hartford, CT. The Hydrogen and Fuel Cell Forum featured expert panels that discussed supply chain development, fuel cell markets, fuel cell electric vehicle use and green technology financing strategies.

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Plug Power Signs Cooperative Agreement for Fuel Cell

retrofit projects for tribal buildings and deploy clean energy systems on a community-scale.

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Notice of Intent (DE-FOA-0001647) to Issue Funding Opportunity Announcement

The EERE intends to issue a FOA that may include topics that will leverage FCTO's national lab consortia launched under the DOE Energy Materials Network (EMN) in FY16.

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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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PON 2568 CHP Program

Incentives may be available through NYSEERDA'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) on their electric bill.

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UPCOMING WEBINARS

[USPTO-SBA Joint Free Intellectual Property Webinar Series](#) November 7-10, and November 14-16, 2016

UPCOMING EVENTS

[Power-Gen International](#) (Orlando, FL) - Dec. 13-15, 2016

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

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

Electric Vehicle Development in China

Plug Power Inc. has signed a cooperative memorandum of understanding (MOU) with Zhangjiagang Furui Special Equipment Co., LTD (Furui), along with a leading Chinese industrial vehicle manufacturer, also identified as one of the "big three" Chinese automakers, to develop new fuel cell applications and fueling solutions to be utilized in the large and expanding industrial electric vehicle market in China.

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NEESC to Support Fuel Cell industry at Hannover Messe

NEESC will be supporting the participation of hydrogen and fuel cell supply chain companies at the [Group Exhibit: Hydrogen + Fuel Cells + Batteries](#) at Hannover Messe (Germany) in April 2017. Companies will benefit from a significant "economy of scale" and returning exhibitor discounts, and through additional marketing opportunities. NEESC works closely with the Small Business Administration and the Department of Commerce to provide additional assistance for participating companies. Interested companies should contact Paul Aresta at paresta@ccat.us for more information.

DOE Fuel Cell Bus Analysis Finds Fuel Economy to be 1.4 Times Higher than Diesel

FCTO has released a new report showing that the average fuel economy of fuel cell electric buses from three fleets is ~6 miles per diesel gallon equivalent or DGE, 1.4 times higher than conventional diesel buses (~4.2 miles per DGE) from one fleet and up to 1.9 times higher than compressed natural gas buses (~3.3 miles per DGE) in another fleet.

This demonstrates significant fuel economy improvement toward the DOE and Federal Transit Administration's (FTA) target of 8 miles per DGE. FCEB durability has reached 23,000 hours, surpassing FCTO's 2016 target of 18,000 hours, and range has reached up to 340 miles, more than 13% above our 2016 target of 300 miles.

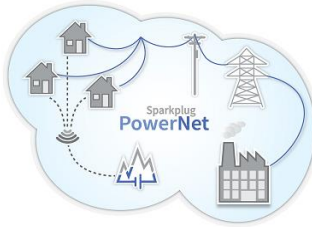
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Hydrogen fuel cell cars coming to Connecticut

Connecticut is poised to become the first state in the Northeast — and the second in the U.S. — to sell hydrogen fuel cell powered cars — considered by many to be the most Green vehicle available. Joel Rinebold, energy director for the Connecticut Center for Advanced Technology, said Toyota is gearing up to begin selling the \$58,000 cars in the state in late 2017, the culmination of years of planning and work to establish fueling stations and other infrastructure.

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FEATURED COMPANY



Sparkplug Power is an Energy Storage Service startup based out of Greentown Labs in Somerville, MA..Sparkplug Power provides "peak power demand" services with distributed and networked lithium batteries for municipal utilities and commercial business. Sparkplug Power is deploying energy storage solutions and creating a better business model to take advantage of the incredible advances in batteries, power electronics and funding mechanisms.

In coordination with Holyoke Gas & Electric, and support from an American Public Power Association DEED grant and an InnovateMass award from MassCEC; Sparkplug Power is building a storage network of residences and a mini-data center in Holyoke MA.

Visit www.sparkplugpower.com for more information on how Sparkplug Power can help your business or utility with high peak power costs and provide **Cheaper, More Reliable Power.**



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