



## FUNDING OPPORTUNITIES

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

The Department of Energy's (DOE's) Office of Indian Energy Policy and Programs has issued a funding opportunity announcement (FOA) to install clean energy and energy efficiency retrofit projects for tribal buildings; and deploy clean energy systems on a community-scale.

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### Sensor and Modeling Approaches for Enhanced Observability and Controllability of Power Systems with Distributed Energy Resources (DERs)

The DOE's, National Energy Technology Laboratory (NETL), is seeking applications under this FOA, to conduct research, development and demonstrations in the areas of low cost sensors and improved modeling using sensor data input.

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### Notice of Intent (NOI) DE-FOA-0001680 to Issue Funding Opportunity Announcement DE-FOA-0001647

The Office of Energy Efficiency and Renewable Energy (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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### Supporting Clean Energy Startups: Industry and Investment Partnerships for Scaling Innovation.

The U.S. Department of Energy's (DOE\_ office of Energy Efficiency and Renewable Energy's (EERE) Technology-to-Market (T2M) team is issuing a Request for Information

## WHAT'S GOING ON

### Investment and Project Finance to be Featured at Hydrogen and Fuel Cell Forum

Bert Hunter, Chief Investment Officer of the Connecticut Green Bank, will present and lead a panel discussion focused on accessing green capital and project financing. Other members of the panel include a representative from GI Energy, and Peoples and Webster Banks. [See Agenda](#)

### On the Verge of a Hydrogen Tipping Point?

Across the country, scientists and engineers have been celebrating National Hydrogen and Fuel Cell Day. Aptly chosen to represent the atomic weight of hydrogen (1.008) , National Hydrogen and Fuel Cell Day was celebrated for the first time on October 8, 2015 and this year we've been keeping the momentum going.

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### H2 Refuel H-Prize finalist Announced Public Open House World Premiere of SimpleFuel System will be held on November 9, 2016

SimpleFuel, the finalist of the H2 Refuel H-Prize, has announced their open house for November 9th, 2016 in Warminster, PA, providing an opportunity for the public to get a first look at their hydrogen refueling system in action, and allowing visitors to ride and drive a fuel cell electric vehicle (FCEV)

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### FuelCell Energy Advances Solid Oxide Fuel Cell Commercialization

FuelCell Energy Inc, announced the execution of a \$3.0 million cost-share contract with the DOE which will advance the commercialization of solid oxide fuel cell (SOFC) technology for ultra clean, high efficiency power generation applications. This contract will be added to the Advanced Technology backlog for the fourth quarter of 2016.

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### Energy Department Launches \$10 Million Effort to Develop Advanced Water Splitting Materials

The DOE recently announced \$10 million, subject to appropriations, to support the launch of the HydroGEN Advanced Water Splitting Materials Consortium (HydroGEN). This consortium will utilize the expertise and capabilities of the national laboratories to accelerate the development of commercially viable pathways for hydrogen production from renewable energy sources.

[Read More](#)→

(RFI) DE-FOA-0001669.

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### **ScalingUp the Next Generation of Building Efficiency Packages.**

The Commercial Buildings Integration (CBI) program, working in cooperation with the General Services Administration's (GSA) Green Proving Ground program, will invest \$6.5 million in a competitive FOA.

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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 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) 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**

[European Utility Week](#) - (Barcelona, Spain) - November 15 - 17, 2016

[Hydrogen and Fuel Cell Forum](#) (Hartford, CT) - November 17-18, 2016

[Defense Energy/SBIR/STTR Innovation Summit](#)-(Austin, TX) - November 29-Dec 1, 2016

[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

### **2016 DOE Hydrogen and Fuel Cells Program Annual Merit Review and Peer Evaluation Report Posted**

The DOE Hydrogen and Fuel Cells Program has posted the 2016 Annual Merit Review and Peer Evaluation Report. Each year at the Annual Merit Review Evaluation Meeting (AMR), projects funded by DOE's Hydrogen and Fuel Cells Program are reviewed for their merit. The report summarizes the comments of expert peer reviewer at the 2016 AMR, which was held June 6-10, 2016, in Washington, D.C.

[Read More](#)→

### **FuelCell Energy and Exxon Mobil Announce Location for Fuel Cell Carbon Capture Pilot Plant.**

FuelCell Energy and ExxonMobil announced today the selection of a location to test novel fuel cell carbon capture technology under development by the companies. The James M. Barry Electric Generating Station, a 2.7 gigawatt mixed-use coal and gas-fired power plant operated by Southern Company subsidiary Alabama Power, will host pilot plant tests of the technology, which uses carbonate fuel cells to concentrate and capture carbon dioxide streams from power plants.

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### **Plug Power Celebrates State-of-the-Art Service Center in Dayton, Ohio with Ribbon Cutting**

National and local leaders gathered to celebrate the Midwest region's first hydrogen fuel cell center. Plug Power Inc. celebrated its new Dayton, OH service center by hosting a ribbon-cutting ceremony-bringing green jobs and innovation to the Dayton-metro area, and expanding service capabilities to Ohio customers, including Walmart, Ace Hardware, Home Depot, and Honda.

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### **Hydrogen Stations Coming to Brooklyn, the Bronx, as NYC Seeks Top Role in Zero-Emission Transportation**

Air Liquide plans to install New York City's first publicly available hydrogen refueling stations for fuel cell vehicles after signing leases for pump spaces at 668 3rd Ave, in an industrial stretch of Brooklyn's Greenwood Heights neighborhood, and at 2274 Tillotson Ave, in the Eastchester section of the Bronx.

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### **Hydrogen and Fuel Cell Forum - Nov 17+18, 2016**

NEESC and the Connecticut Green Bank will co-host the Hydrogen and Fuel Cell Forum to bring together policymakers, investors, and key stakeholders in the hydrogen and fuel cell industry. The event will feature

- \* **Panel discussions;**
- \* **Technology Showcase/Supply Chain Exchange;**
- \* **Access to the CT International Auto Show;**
- \* **Fuel Cell Electric Vehicle Ride & Drive;**
- \* **ZEV Coordination Meeting;**
- \* **An interactive RFI;**
- \* **Stakeholder meeting(s); and**
- \* **Tour of fuel cell applications in central CT.**

For [more information](#) or to [register](#),

## FEATURED COMPANY

**Electra Vehicles** is a high-tech start-up that is planning to bring the electric vehicle (EV) and hybrid electric vehicle (HEV) market to the next level with innovative high-efficiency and cost effective power solutions. Electra offers custom solutions based on a hybrid energy storage platform, where different energy storage technologies with complementary characteristics can be blended in a high performance low cost system for electric and hybrid vehicles. The hybridization of the energy storage system is enabled by a proprietary modular power electronics design, and proprietary software for the management of different energy storage. The result is a much smaller, lighter, cheaper energy storage which also lasts longer, while being safer than conventional batteries packs. Electra is in the Top26 of MassChallenge Accelerator program as an "In-Kind Silver" winner. For more information, please visit: <http://electravehicles.com> or contact us at: [contact@electravehicles.com](mailto:contact@electravehicles.com)



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