FUNDING OPPORTUNITIES

Advanced Manufacturing Projects for Emerging Research Exploration (DE-FOA-001465)
Read More

Combined Heat and Power Technical Assistance Partnerships (DE-FOA-001678)
The DOE's Office of Energy Efficiency and Renewable Energy's Advanced Manufacturing Office seeks to further the installation of cost-effective, highly efficient combined heat and power (CHP)
Read More

FY17 Vehicle Technologies Deployment Funding Opportunity Announcement (DE-FOA-001639)
The DOE is issuing on behalf of the Vehicle Technologies Office (VTO), a Funding Opportunity Announcement (FOA) supporting a broad portfolio of advanced highway transportation technologies.
Read More

Notice Of Intent To Issue a Funding Opportunity For Industrial Assessment Centers Technical Field Manager (DE-FOA-0001679)
The DOE's Office of Energy Efficiency and Renewable Energy's Advanced Manufacturing Office intends to issue a FOA entitled "Industrial Assessment Centers Technical Field Manager"
Read More

FY17 SBIR Phase I Release 2 Topics Announced: Includes Fuel

WHAT’S GOING ON

Northeast Group Exhibit at Europe’s largest hydrogen, fuel cells and battery exhibition
NEESC will be supporting the participation of seven (7) hydrogen and fuel cell supply chain companies from the Northeast US to exhibit at Hannover Messe, the world’s largest industrial technology trade show. Small businesses in the Northeast will receive a discount on exhibit space and logistical support to participate in the Hannover Messe, which will be held April 24-28, 2016 in Hannover, Germany. If you would like to participate, please contact Paul Aresta at paresta@ccat.us for more information.

Fuel Cell Power Plant at Correctional Institution Achieves Commercial Operation, Cleanly and Affordably Enhancing Power Reliability
Danbury, CT based Fuel Cell Energy Inc. announced the commercial operation of a megawatt-class combined heat and power (CHP) fuel cell plant located at Santa Rita Jail in Alameda County, California. The fuel cell plant generates continuous on-site power and heat for the correctional facility, enhancing power reliability for critical infrastructure while simultaneously advancing its sustainability goals through the ultra-clean fuel cell generation process.
Read More

LPO Financing Can Fuel a New Wave of Vehicles
DOE’s Loan Programs Office (LPO) clarified that the deployment of alternative fuel infrastructure and associated hardware and software costs may be eligible under the Title XVII loan guarantee program. Additionally, the manufacturing of infrastructure, including associated hardware and software, for FCEVs, EVs, and other alternative fuel vehicles may be eligible under the Advanced Technology Vehicles Manufacturing (ATVM) loan program.
Read More

Informal Comment Period Announced for CT’s Proposed State Mitigation Plan
CT DEEP is announcing an informal public comment period on a proposed state mitigation plan for use of funds from the VW Partial Consent Decree. The informal comment period ends on February 28, 2017. DEEP will also hold a public informational meeting on February 9, 2017 at 10AM in Hartford, CT.
Read More

Ivys Energy Solutions and its partners McPhy Energy North America and PDC Machines have won the U.S. Department of
Plug Power Exceeds 2016 GenDrive Deployment Goals
Plug Power Inc. announced that it has set a Company record for deploying its GenDrive fuel cell units for the full year 2016. For 2016, Plug Power deployed 4,010 units, exceeding the Company's previously disclosed annual guidance of 3,800 to 4,000 units. Plug Power's global set of high-profile customers who received product in 2016, include Carrefour, Walmart, BMW, and Home Depot. Read More→

Energy Storage Market in New York Poised for Double Digit Growth
New York is positioned to capture significant chunks of the energy storage market nationally and worldwide, according to a
UPCOMING EVENTS

FC EXPO (Tokyo Big Sight, Japan) - March 1-3, 2017
International Battery Seminar and Exhibit (Fort Lauderdale convention Center- Fort Lauderdale, FL) - March 20-23, 2017
Hannover Messe (Hannover Germany) – April 24-28, 2017
ACT Expo and Conference (Long Beach, CA) - May 1-4, 2017
Hydrogen + Fuel Cells NORTH AMERICA at SOLARPOWER International (Las Vegas, NV) - September 10-13, 2017
2017 Fuel Cell Seminar and Energy Exposition (Long Beach, CA) - Nov 7-9, 2017

FEATURED COMPANY

Ivys Energy Solutions is a leading solutions provider of innovative technologies and products that will greatly enhance the successful rollout of fuel cell electric vehicles. Ivys and its partners, McPhy Energy North America (Massachusetts) and PDC Machines (Pennsylvania), have combined efforts to develop SimpleFuel™ - a safe, affordable, and readily deployable hydrogen refueling appliance for fuel cell electric vehicles.

The SimpleFuel™ appliance is a new class of fully integrated hydrogen generation and dispensing systems capable of delivering up to 5 or 10 kg/day of hydrogen to vehicles at pressures up to 700 bar, using hydrogen produced via water electrolysis. The SimpleFuel™ solution will enable a quicker realization of zero-emission fuel cell electric vehicle (FCEV) adoption across the country by providing a convenient fueling network option for communities, businesses, and ride-share/fleet operators that are currently limited by a lack of hydrogen refueling infrastructure. The device is suitable for both on-road vehicle refueling, as well as industrial trucks, representing a tailored solution for both captive and tethered vehicle fleets.

The SimpleFuel™ consortium was recently named winner of the $1 Million H2 Refuel H-Prize by the U.S. Department of Energy’s Fuel Cell Technologies Office and the Hydrogen Education Foundation. This impressive achievement represents a two-year, dedicated mission by Ivys and its partners to design, develop and validate this state-of-art appliance. The project culminated in the fall of 2016, including an open house event attended by Sunita Satyapal, Director of the Department of Energy’s Fuel Cell Technologies Office, and a 3-month data collection period fueling a commercially available Hyundai Tucson FCEV. During the demonstration period, the SimpleFuel™ appliance generated and dispensed enough hydrogen for 10,000 miles of FCEV travel, and system performance was monitored and validated by National Renewable Energy Laboratory.

For more information on how SimpleFuel™ can enable your FCEV fleet, please contact us at connect@ivysinc.com or visit www.ivysinc.com.
EXPLORING NEESC SERVICES

The Northeast Electrochemical Energy Storage Cluster, administered by the Connecticut Center for Advanced Technology, Inc., is funded through a contract with the U.S. Small Business Administration.

Published by Connecticut Center for Advanced Technology, Inc.
222 Pitkin Street, Suite 101 | East Hartford, CT 06108 | 860.291.8832
Copyright © 2015 Connecticut Center for Advanced Technology, Inc. All rights reserved. Privacy Policy