Northeast Electrochemical energy storage Cluster

FUNDING OPPORTUNITIES

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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EPA Clean Diesel Funding Assistance Program FY 2017 (EPA-OAR-OTAQ-17-04)

The EPA's Office of Transportation and Air Quality seeks proposals for projects that achieve significant reductions in diesel emissions produced by diesel engines and diesel emissions exposure.
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Hydrogen Contaminant Detector Validation (RFC-7-70175)

NREL has released a Request for Proposal of the project titled "Hydrogen Contaminant Detector Validation".
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Advancing Commonwealth Energy Storage (ACES)

The Massachusetts Clean Energy Center (MassCEC) and the Department of Energy Resources (DOER) are seeking proposals for energy storage demonstration projects.
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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 (EERE) Advanced Manufacturing Office intends to issue a FOA entitled

WHAT'S GOING ON

NEESC to co-host 2017 Energy Storage & Microgrid Conference

NEESC, Innovation Northeast, the Hydrogen Energy Center, and Northeastern University are hosting the 2017 Energy Storage & Microgrid Conference on June 15 and 16, 2017 at Northeastern University in Boston, MA. The conference will address the commercial application of energy storage and microgrid technologies on Day 1 and presentations on the results of academic research on Day 2. This event will help facilitate business connections, expand market opportunities, present investment opportunities, provide details on energy storage and microgrid applications, and highlight industry leading research and development taking place at colleges and universities.
Access Conference Website Here

Registration for the 2017 Fuel Cell Seminar & Energy Exposition is NOW OPEN!

This year's Fuel Cell Seminar and Energy Exposition (FCS&EE) will be held in Long Beach, California on November 7 - 9, 2017. Online registration is now open for both attendees and exhibitors. The FCS&EE 2017 Call for Abstracts is open through May 27, 2017. CLICK HERE for the full list of Topic Areas for the 2017 event and access the Submission Guidelines for details on how to submit your abstract.

Novel Trace Contaminant Sorbent for Spacesuits Life Support Systems Wins NASA SBIR Phase II Project

Precision Combustion, Inc. (PCI) announced that it has been awarded NASA Phase II Small Business Innovation Research project for its Trace Contaminant Control System (TCCS) technology for Advanced Spacesuit Applications. PCI is developing a lightweight and regenerable TCCS for spacesuits. Astronauts breathe recycled air, and spacesuit air must be cleaned of trace contaminants, such as ammonia and organic compounds to keep the air safe and maintain crew comfort. PCI is looking for partners interested in specific applications for this new material technology.
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The Rise of Fuel Cell Microgrids: Special Report

Fuel cell microgrids are on the rise, the result of a natural pairing of two technologies: fuel cells and microgrids. Together, they meet today's demand for energy that is cost-competitive, highly reliable, clean, quiet, contained, modular, scalable and community-friendly. Fuel cells have followed a similar trajectory and now operate at critical facilities, business, and institutions in more than 40 states, according to the Fuel Cell and Hydrogen Energy Association (FCHEA).
Read More

"Industrial Assessment Centers Technical Field Manager"
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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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UPCOMING WEBINARS

NYSERDA Informational Webinar Demonstrating Distributed Energy Storage for 'Stacking' Customers and Grid Values Program Opportunity Notice (PON) 3541. Tuesday, May 2, 2017: 11:00 am-12:30pm EST

UPCOMING EVENTS

ACT Expo and Conference (Long Beach, CA) - May 1-4, 2017

2017 DOE Annual Merit Review & Peer Evaluation Meeting (Washington, DC) - June 5-9th, 2017

2017 Energy Storage and Microgrid Conference (Boston, MA) - June 15-16, 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

ScanEagle Flies with Fuel Cell Power: Ballard's Protonex Subsidiary Powers Successful Test Flights of Boeing Insitu ScanEagle UAV
Ballard Power Systems announced that the company's subsidiary, Protonex, has successfully powered test flights of the ScanEagle unmanned aerial vehicle (UAV) with the Company's PEM (proton exchange membrane) fuel cell propulsion system. The ScanEagle is manufactured by Insitu, a wholly owned subsidiary of the Boeing Company. Advantages of the Protonex fuel cell propulsion modules over traditional internal combustion engine propulsion systems include: significant improvement in the expected MTBF (mean time between failures) of up to 5x; silent operation; 100% throttle flexibility, including mid-air start-stop capability; and use of existing JP8 fuel in ground refueling systems.
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US Hybrid unveils new Class 8 fuel cell port drayage truck for San Pedro Ports
US Hybrid has unveiled a zero-emission Class 8 fuel cell port drayage truck featuring its PEM fuel cell system during the Advanced Clean Transportation (ACT) Expo at the Long Beach Convention Center. The truck, which will be operated by Total Transportation Solutions, Inc. (TTSI), is one of two fuel cell demonstration tractors scheduled for delivery at the Ports of Los Angeles and Long Beach.
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FuelCell Energy Supports Clean Coal Conversation at the National Coal Council's Spring Meeting Highlighting Fuel Cell Carbon Capture Solution
FuelCell Energy, Inc. contributed to the clean coal discussion at the recent National Coal Council's Annual Spring Meeting highlighting the company's fuel cell carbon capture solution that affordably captures carbon emissions from coal-fired power plants with a scalable solution. FuelCell Energy's Tony Leo, Vice President of Advanced Applications & Technology Development, presented as part of the Leading Edge Coal Technology Developments panel following the opening remarks delivered by the Secretary of Energy for the United States Department of Energy (DOE).
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FEATURED COMPANY

Combined Energies is a product development and manufacturing startup located in Latham, NY. The team leverages over 40 years of industry experience focused on commercializing novel power electronic and high temperature PEM fuel cell technology for the distributed generation and energy storage markets.

Combined Energies designs and develops the components and systems embodying these technologies. Its first development to gain commercial traction is the Marathon LR, a high boost, bi-directional DC-DC power converter that efficiently converts variable low voltage DC from distributed generation and energy storage into steady, programmable, high voltage DC output. Since its inception, Combined Energies has received over half a million dollars from the New York State Energy Research and Development Authority (NYSERDA), and is a proud member of the New York Battery and Energy Storage Technology Consortium (NY-BEST).

In April, Combined Energies participated in the 2017 Hydrogen + Fuel Cells + Batteries Group Exhibit in Hannover, Germany. The company presented the Marathon LR, making numerous contacts with major international automotive, renewable power, fuel cell and hydrogen generation companies who see the high DC boost from Combined Energies' technology as a potential enabler of future system designs. Combined Energies thanks NEESC and New York STEP for sponsoring their attendance at the Fair.

COMBINED ENERGIES

EXPLORING NEESC SERVICES

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222 Pitkin Street, Suite 101 | East Hartford, CT 06108 | 860.291.8832