



FUNDING OPPORTUNITIES

[Higher Education Innovation and Entrepreneurship Initiative](#)

A CTNEXT initiative to strengthen innovation and entrepreneurship within Connecticut's public and private higher education institutions while fostering collaboration and providing economic value to Connecticut.

[Request for Information \(RFI\): Understanding Catalyst Production and Development Needs at National Laboratories \(DE-FOA-0001951\)](#)

The U.S. Department of Energy (DOE), Office of Energy Efficiency and Renewable Energy (EERE) Bioenergy Technologies Office (BETO) is requesting input from industry, academia, National Laboratories, government agencies, and other biofuels and bioproducts stakeholders on "custom catalyst production capability for biochemical and thermochemical processes".

[Connecticut Manufacturing Innovation Fund Voucher Program \(MVP\)](#)

To help keep pace with state-of-the-art product development and manufacturing technology, the CT Manufacturing Innovation Fund Voucher Program provides companies with access to capital to help them obtain new equipment and the expertise they need to become more efficient, productive, and competitive.

[Request for Information \(RFI\) on H2@Scale \(Hydrogen at Scale\): Determining Opportunities to Facilitate Wide-Scale Hydrogen Adoption for Energy Security and Economic Growth \(DE-FOA-0001965\)](#)

WHAT'S GOING ON

Northeast Hydrogen and Fuel Cell Companies Receive DOE Awards

The U.S. Department of Energy (DOE) selected 28 projects totaling \$38 million to support early-stage research and development of innovative hydrogen and fuel cell technologies, including almost \$12 million to eight companies and universities in the Northeast US. This work supports the DOE's H2@Scale initiative, backed by the Connecticut Center for Advanced Technology Inc. (CCAT) to produce and use hydrogen across multiple energy sectors.

[Read More](#) →

Carbon Capture at the Nano scale – New Energy Saving System wins DOE Award

Precision Combustion, Inc. (PCI) announced it has won a Department of Energy Phase II Small Business Innovation Research grant to develop a novel High-Efficiency Post Combustion Carbon Capture System. PCI's new technology directly tackles the energy cost challenge, developing a high capability nanosorbent on a tailorable support that offers the opportunity to significantly improve the efficiency of CO₂ removal from post combustion exhaust.

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Hydrogen Safety Panel Expands Training to Northeast

Safe and timely deployment of hydrogen and fuel cell technologies will advance affordable and wide-scale production, transport and use — enabling U.S. energy security, resiliency and economic prosperity. That's the message from the Connecticut Center for Advanced Technology, Inc. (CCAT) and the Hydrogen Safety Panel (HSP), who are teaming to provide code officials, first responders, project developers, and other interested stakeholders information on the growing technology.

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Nel ASA: Awarded multi-billion NOK electrolyzer and fueling station contract by Nikola

Nel ASA has been awarded a contract for delivery of 448 electrolyzers and associated fueling equipment to Nikola Motor Company (Nikola) as part of Nikola's development of a hydrogen station infrastructure in the US for truck and passenger vehicles. Under the multi-billion NOK contract, to be deployed from 2020, Nel will deliver up to 1 GW of electrolysis plus fueling equipment.

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The objective of this Request for Information (RFI) is to identify and quantify domestic resources compatible with large-scale hydrogen production, and to identify pathways to enable effective near- and long-term leveraging of these resources in major industries requiring affordable, secure, domestic, and scalable hydrogen supplies.

WEBINARS

[Export 101](#) - September 4 at 10:00 am ET (SBA)

[Export Compliance and Cyber Security for US Manufacturers](#) - October 11 at 1:00 pm ET (CCAT/FCHEA)

UPCOMING EVENTS

[POWER-GEN Asia](#), alongside co-located event Renewable Energy World Asia (September 18-20, 2018 - Jakarta, Indonesia)

[Hydrogen + Fuel Cells North America at SPI 2018](#) (September 24-27, 2018 - Anaheim, CA)

[Ohio Fuel Cell Symposium](#) (October 2-3, 2018 - Stark State Collage, North Canton, OH)

[BuildingEnergy NYC](#) Northeast Sustainable Energy Association (Oct. 4, 2018 - NYC, NY)
[National Hydrogen and Fuel Cell Day](#) (October 8 - US)

[HOMER International Microgrid Conference and Exhibition](#) (Oct 8-9, 2018 - San Diego, CA)

[Horizon18](#) (October 10 - 11, 2018 - Boston, MA)

[Storage East](#) (October 16-17, 2018 - Washington, DC)

Doosan Corporation to Supply the World's First Large-Scale Hydrogen Fuel Cell Power Plant

Doosan Corporation, Fuel Cell Business Group ("Doosan Fuel Cell"), announced the start of its hydrogen fuel cell installation at Daesan Green Energy Fuel Cell Power Plant. This past May, Doosan Fuel Cell was selected as the fuel cell supplier for a hydrogen fuel cell project developed by Daesan Green Energy. The 50 MW Doosan Fuel Cell system supplied to the Daesan Green Energy Fuel Cell Power Plant will be the world's first large-scale fuel cell utilizing hydrogen by-product during operation.

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SUBASE breaks ground on 7.4 megawatt fuel cell park

Leadership from Naval Submarine Base New London (SUBASE); the Connecticut Municipal Electric Energy Cooperative (CMEEC); FuelCell Energy, Inc.; and the Connecticut Office of Military Affairs, broke ground for a 7.4 megawatt fuel cell park during a special ceremony at SUBASE, July 25. The ground breaking was held near the installation's sub-station interface with the community power grid.

[Read More](#) →

Store Solar Energy – Make Hydrogen

One of the major topics of Hydrogen + Fuel Cells NORTH AMERICA will be the storage of renewable energies. Wind and solar energy can be stored through the production of hydrogen via water electrolysis. Nel Hydrogen, Hydrogenics, H-TEC SYSTEMS and Enapter will inform about their latest electrolyzer technologies.

[Read More](#) →

C-PACE New Construction Pilot Program Launched

The Connecticut Green Bank announced a pilot program that will make Commercial Property Assessed Clean Energy (C-PACE) financing available for new construction in Connecticut. The C-PACE New Construction Pilot will provide property developers and owners with long-term, affordable and non-recourse financing to help them design and construct buildings that achieve a higher level of energy performance and reduced operating costs (includes clean energy generation).

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FEATURED EVENT(S)

Hydrogen Safety Panel (HSP)

Training Sessions and Stakeholder Meetings

Connecticut: Sept 12, 2018 (training session and stakeholder meeting – [230 Ella T Grasso Blvd, New Haven, CT 06519](#)) 9:00 am training session; 11:00 am stakeholder meeting; coordinated with the City of New Haven, CT Hydrogen Fuel Cell Coalition, and the Greater New Haven Clean Cities Coalition.

Rhode Island: Sept 13, 2018 (training session – [1 Dixon St, Westerly, RI 02891](#)) 1:00 PM training session; coordinated with the New England Association of Fire Marshals. Registration required for this event.

New Jersey: Sept 14, 2018 (training session and stakeholder meeting – [71 Dudley Rd, New Brunswick, NJ 08901](#)) 11:30 AM training session and 2:30 PM stakeholder meeting; coordinated with the NJ Fuel Cell Coalition, Rutgers, and NJ Clean Cities Coalition.

Massachusetts: Oct 1, 2018 (training session – Murray D. Lincoln Campus Center, [1 Campus Center Way,](#)

[Amherst, MA 01003](#)) 8:30 AM training session; coordinated with the New England Building Officials Education Association. Registration required for this event.

Massachusetts: Oct 4, 2018 (stakeholder meeting – [281 Albany St, Cambridge, MA 02139](#))
Time - TBD; coordinated with the MA Hydrogen Coalition.

Contact Paul Aresta at 860-282-4206 or paresta@ccat.us if you need more info or would like to attend any of the training sessions and stakeholder meetings.

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