



## FUNDING OPPORTUNITIES

### [HPC4 Energy Innovation Program: Collaborations for U.S. Manufacturers](#)

The High Performance Computing for Energy Innovation (HPC4EI) Program seeks qualified industry partners to participate in short-term, collaborative projects with the Department of Energy's (DOE's) national laboratories.

### [Request for Information: Technology Commercialization Fund \(DE-FOA-0002027 \)](#)

The DOE Office of Technology Transitions (OTT) is issuing this RFI on behalf of the Technology Commercialization Fund (TCF). The TCF is an approximately \$25 million annual fund created to provide matching funds with private partners to promote promising energy technologies for commercial purposes.

### [The Office of Energy Efficiency and Renewable Energy Announces \\$20 Million Available for Small Business Innovation Research and Technology Transfer](#)

The Office of Energy Efficiency and Renewable Energy (EERE) expects to fund more than 100 new projects, totaling approximately \$20 million.

### [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.

## WEBINARS

[Surety Bond Guarantee Program Webinar \(SBA\)](#) January 10, 2019 | 10:00 am EST - 11:00 pm EST

## UPCOMING EVENTS

[2019 NASEO Energy Policy Outlook Conference Energy Infrastructure](#)

## WHAT'S GOING ON

### **CT laying groundwork for next green wave: Hydrogen cars**

Just as hundreds of public electric-vehicle charging stations have cropped up in Connecticut in recent years, helping put thousands of clean cars on the road, the stage is gradually being set for a new green transportation option — hydrogen vehicles.

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### **FuelCell Energy Acquires 14.9 MW Fuel Cell Park from Dominion Energy for \$36.6M**

FuelCell Energy this week entered into an agreement to acquire Dominion Energy's 14.9 MW fuel cell park in Bridgeport, Connecticut for \$36.6 million. The Connecticut-based fuel cell manufacturer built the fuel cell park for Dominion Energy and already operates and maintains the plant under a service agreement. The transaction is the result of a competitive bid process undertaken by Dominion.

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### **SolidPower's Olivier Bucheli on why fuel cells should power the edge**

Because gas has a much higher power density than electrons, fuel cells provide considerably more power for the amount of space they use. The membrane reactors can transform chemical energy into electricity, and electricity into chemicals, and because they are modular, they are ideal for small site deployments, explained Olivier Bucheli, chief business development officer at SOLIDpower Group at DCD's flagship event in London earlier this month.

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### **Connecticut utilities ink deals with Danbury's FuelCell**

FuelCell Energy reached utility power-supply agreements for fuel cell installations in Derby and Hartford that will supply electricity for the equivalent of nearly 20,000 households or more, subject to final authorization by state regulators. The Connecticut Department of Energy and Environmental Protection awarded the contract in June to FuelCell, which has its headquarters in Danbury and its main assembly plant in Torrington.

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### **Engineered Fibers Technology Announces Sale of Spectracarb GDL Business to Giner ELX**

Engineered Fibers Technology, LLC (Shelton, CT) announced the sale of their Spectracarb™ porous graphite GDL business unit to Giner ELX, Inc, Newton, MA. Spectracarb carbon / carbon gas diffusion electrodes and other Spectracarb products are used in fuel cells, electrolyzers and other electrochemical applications on a worldwide basis.

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### **U.S. Hybrid Powers World's First Fuel Cell Street Sweeper (May 2, 2018)**

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[Modernization](#) (February 5-8, 2019 at The Fairmont, Washington, DC)

[FC EXPO 2019 - 15th Int'l Hydrogen & Fuel Cell Expo](#) (February 27 - March 1, 2019 at Tokyo Big Sight, Japan)

[Hydrogen + Fuel Cells Europe Group Exhibit at Hannover Messe](#) (April 1-5, 2019 in Hannover, Germany)

[29th Annual Energy Storage Association Conference and Expo](#) (April 16-18, 2019 in Phoenix, AZ)

[2019 Fuel Cell Seminar & Energy Exposition](#) (November 5-7, 2019 in Long Beach, California)

**Update:** The world first fuel cell electric street sweeper was delivered to Caltrans (California Department of Transportation) with the FCE80 fuel cell engine, which was manufactured in US Hybrid's FuelCell Engine Division at 175 Governor Hwy, South Windsor.

#### **Air Liquide completes hydrogen fueling station in Hartford**

Air Liquide Advanced Technologies said it completed installing a hydrogen fueling station in Hartford's North Meadows section. The French supplier of industrial gases and services said its Hartford facility is part of a nationwide effort to build fueling stations in Mansfield, Mass., Providence, R.I., Hempstead, N.Y., Palo Alto and Los Angeles, Calif.

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### FEATURED EVENT(S)

The Connecticut Hydrogen Fuel Cell Coalition invites hydrogen and fuel cell supply chain companies to exhibit at Hannover Messe, the world's largest industrial technology trade show, which will be held **April 1-5, 2019 in Hannover, Germany**. Exhibiting may increase sales, exports, and revenue, while promoting the hydrogen and fuel cell industry in CT and the Northeast.



#### **You Will Experience:**

- Over 200,000 international visitors attend Hannover Messe each year
- Approximately 6,000 **exhibitors**
- 200,000 square meter exhibition area at Hannover Messe
- New business opportunities
- Meet potential customers and strategic partners
- Increase company recognition internationally
- Connect with businesses on numerous energy topics: wind, solar, hydropower, geothermal, batteries!

State Trade Expansion Program (STEP) grants may also be available for eligible companies.

Contact Paul Aresta at 860-282-4206 or [paresta@ccat.us](mailto:paresta@ccat.us) if you need more info on exhibiting at the Hydrogen + Fuel Cells Europe Group Exhibit at Hannover Messe.

### EXPLORING NEESC SERVICES

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