



FEBRUARY 2018



**Ask us What's Next**  
**Jean Redfield**  
**President & CEO, NextEnergy**

It's our tag line. It's our story so far. Since our inception in 2002, we have been at the forefront of identifying and then putting together the programs and support to accelerate next generation energy technologies for cars, buildings and the grid. Our core mission has been to support job creation and investment in advanced energy technologies through venture support and industry pilot...[read more.](#)

Save the Date!

**May 15**

**The LiTES Advanced Lighting Controls Summit**

**Call for presentations!** NextEnergy is currently seeking submissions for presentations and case studies focused on the features and benefits of the latest advanced lighting controls technology.

**Deadline for submissions is March 23, 2018**



**April 4**

**IoT Tech Connect**

IoT Tech Connect has been developed as an unbiased gathering where companies, institutions, associations, and professionals can network, show off their products and services, and become educated on Internet of Things, M2M, and Autonomous Vehicles.



**July 17-19**

**PlugVolt Battery Seminar**

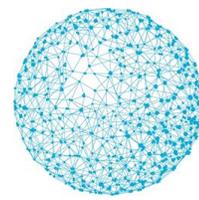
The annual seminar is devoting the entire day to in-depth training by [EnerDel](#) on Lithium Ion battery testing and validation methodologies, safety processes, battery history, and more. Hear the latest on markets & applications and industry updates on energy storage. Win cool prizes in a raffle giveaway, enjoy an evening reception and an exclusive guided tour of [Intertek](#).



Attention Startups!

### Inventures Startup Pitch Event

Inventures is looking for startup companies wanting to get a jump-start towards their success. Here is your opportunity to pitch your product or service to an audience of venture capitalists, angel investors, entrepreneurs, early adopters, business educators, and service providers. **Application deadline is March 2<sup>nd</sup>**



INVENTURES

### Cleantech Open

As part of the Cleantech Open, Cleantech Open Midwest is currently accepting applications from midwest-based cleantech start-ups. The Clean Technology Accelerator Program mission is to find, fund, and foster entrepreneurs with ideas to solve environmental and energy challenges. For questions, contact [irodricks@cleantechopen.org](mailto:irodricks@cleantechopen.org). **Application deadline is May 1<sup>st</sup>**



## Events

View our full list of events [here](#).



Advanced Research Projects Agency • ENERGY

### ARPA-E Energy Innovation Summit

**Mar. 13-15 | Washington, D.C.**

The Summit offers a unique, three-day program aimed at moving transformational energy technologies out of the lab and into the market. Join energy industry experts, thought leaders, and decision makers to experience first-hand the latest technological advancements across a wide variety of energy sectors.



### Capital Conference 2018

**Mar. 20-21 | Lansing**

Hosted by the Michigan Municipal League, this conference is the best place to network with colleagues from around the state and make your voice heard on matters of public policy. Hear the latest on legislative updates, smart cities, infrastructure, and much more.

**AUTOMOTIVE  
CYBER SECURITY**  
DETROIT



**SMART CITIES  
CONNECT**  
CONFERENCE & EXPO

### Automotive Cyber Security

**Mar. 26-28 | Novi**

This year's event will expand the conversation of ensuring the safety of connected vehicles from cyber-attacks. Understand the evolving challenges of safety and security engineers for safeguarding tomorrow's automotive innovation. Hear case studies to give you practical strategies to implement back on the job.

### Smart Cities Connect & Conference & Expo

**Mar. 26-29 | Kansas City, MO**

A conference focused on working towards innovative solutions for progressive city needs. On Feb. 27, representatives from NextEnergy, City of Detroit and Center for Automotive Research will present "A Michigan Take on Smart Mobility - How the Home of the Auto Industry is Preparing for Tomorrow's Mobility".



### [WCX World Congress](#)

**Apr. 10-12 | Detroit**

At WCX, join your fellow forward-thinking engineers, technicians, directors, and executives for an interactive exploration of engineering, research, design and technology – where visionary ideas are brought to light and the future of automotive innovation comes into focus.

### [Michigan Energy Summit](#)

**Apr. 18 | Grand Rapids**

Celebrate the 2017 Michigan Battle of the Buildings 'biggest losers' and welcome the new 2018 competitors. This is an awards and recognition program for energy use reduction open to all Michigan area commercial, industrial & multi-family buildings. Register to attend or apply to sponsor, exhibit or compete.

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### [Global Automotive & Mobility Innovation Challenge \(GAMIC\) Semi-finals](#)

**Feb. 23 | Troy**

### [Lunch and Learn: SBIR/STTR Introduction and Overview](#)

**Mar. 8 | Detroit**

### [Connected Car, Autonomous Car](#)

**Mar. 13-14 | Dearborn**

### [Michigan EIBC 2nd EV Convening](#)

**Mar. 22 | Lansing**

### [WSU - 2018 Annual Big Data & Business Analytics Symposium](#)

**Mar. 22-23 | Wayne State University**

### [2018 Governor's Energy Excellence Awards](#)

**Nomination deadline - Mar. 31**

### [The Detroit Fintech Challenge](#)

**Apr. 6-7 | Detroit**

### [Women in Automotive](#)

**Apr. 24 | Detroit**

## Featured Funding Opportunity

### [Smart and Connected Communities](#)

**Deadline:** Feb. 28, 2018

**Awards:** \$19.25M

The NSF has issued a program solicitation to accelerate the creation of the scientific and engineering foundations that will enable smart and connected communities to bring about new levels of economic opportunity and growth, safety and security, health and wellness, and overall quality of life.

## Additional Funding Opportunities

View our full list of funding opportunities [here](#).

>>>ACTIVE<<<

### [Vodafone Americas Foundation - 10th Annual Wireless Innovation Project](#)

**Deadline:** Mar. 5, 2018

**Awards:** Up to \$600K

The Vodafone Wireless Innovation Project™ (the “competition”) seeks to identify and fund the best innovations using wireless related technology to address critical social issues around the world.

**[FY 2018 Phase II Release 2](#)**

**Deadline:** May 1, 2018

**Awards:** \$1M

The DOE invites eligible Phase I and Phase II grantees to apply for Phase II grants (both initial and sequential) under this FOA. The purpose of an initial Phase II grant is to perform the research and development required to meet the DOE objectives stated in the topic and subtopic of the Phase I FOA.

**[US-EU Internet Core and Edge Technologies](#)**

**Deadline:** May 7, 2018

**Awards:** \$2.5M

The NSF supports research and education activities that seek to develop a better understanding of the fundamental properties of computer and network systems. This program supports transformative research on scientific and technological advances leading to the development of next-generation Internet and advanced wireless networking systems.

**[Computer Science for All](#)**

**Deadline:** May 9, 2018

**Awards:** \$20M

The NSF has an FOA that focuses on researcher-practitioner partnerships that foster the research and development needed to bring computer science and computational thinking to all schools at the pre-K–12 levels.

**>>>UPCOMING<<<**

**[NOI: Innovative Technology Development to Enhance Fossil Power System Operability, Reliability, and Economic Performance](#)**

**Deadline:** Feb. 28, 2018

**Awards:** \$2.75M

The goal of this FOA is to seek innovative research and development projects to improve the performance and cost of fossil energy technologies. The potential FOA will have two areas of interest: 1) Cybersecure sensors and controls technology; 2) Computational materials modeling pertinent to advanced manufacturing.

**[NOI: Flexible Combined Heat and Power Systems for Grid Support](#)**

**Deadline:** TBD

**Awards:** \$20M

The DOE seeks research on new combined heat and power (CHP) technologies that will enable development of advanced CHP systems that support American economic competitive advantage, promote economic development, instill resiliency in businesses and communities, and create and maintain local energy-related jobs.

**>>>ROLLING<<<**

**[Business Accelerator Fund](#)**

**[Cyberlearning for Work at the Human-Technology Frontier](#)**

**[The Energy Efficiency and Renewable Energy Loans for Michigan Businesses](#)**

**[Energy Foundation Grants](#)**

**[Environmental Infrastructure Programs](#)**

**[Michigan Emerging Technologies Fund](#)**

## Funding Program



### Pursue federal funding for your energy or transportation technology!

Administered by NextEnergy and funded by the MEDC, MATch Energy Grant provides cost-share and/or commercialization funds to eligible Michigan small businesses and university researchers applying for advanced energy- or transportation-related, non-SBIR/STTR federal funding from the DOE, DoD, NSF, Department of Transportation, etc. [Learn more.](#)

## NextEnergy Center Highlights



### A playground for connected technologies!

NextHome is part smart home, part distributed generation, and part direct current (DC) and operates as a “living lab” within NextEnergy’s testing and validation platforms. [Learn more.](#)



NextEnergy provided great enthusiasm and support for our Detroit based client event; as well as a wonderful meeting space and employees. We will be back!

*>>>Tom De Vleeschauwer, Sr. Director Automotive  
[IHS Markit](#)*

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