

### A New Year, New Look and a Renewed Focus for NextEnergy



**Jim Saber, President & CEO**  
NextEnergy

2018 was a year of introspection and, ultimately, reinvention of our now 17-year-old organization. While the new logo and [updated website](#) are the most outward-facing sign of our refresh, the work that is happening here at 461 Burroughs is what we hope will really grab your attention.

#### How We Got Here:

First a little background: For those of you who don't know, not only am I NextEnergy's president and CEO, but I am also its longest-serving employee. Over the last 15 years I've had the opportunity to work with many talented people on projects that have made a real impact in our state and in the industries we've served. Read [more](#).

### Investment & Tech Startup Opportunities

#### Clean Energy Trust

CET is currently looking for investment applications for the winter investment cycle of their 501vc® Seed Fund from companies based in the Midwest and Mid-Continent who are early stage (up through series A). Sectors include cleantech, water, advanced mobility, and AgTech.

**Winter cycle applications are due by January 15, 2019!** Questions, email [Alex Foucault](#).

Applications are always open!

#### DTX Launch Detroit

Applications are now being accepted for an intensive 10-week summer accelerator for college students and recent graduates aspiring to launch a technology startup. DTX is seeking applications from teams of college students or recent graduates with a promising tech business idea. Applications will be reviewed on a first-come/first-reviewed basis.

**Register [here](#) for the January 10 info session!** Apply [here](#).

### Upcoming Events

View our full list [here](#)

Supplier Week, focusing on issues and trends important to automotive suppliers. Jim Saber, President & CEO, NextEnergy, along with other automotive executives and professionals will convene to share how they are *Navigating the Road Ahead!*



### [Automobili-D](#) **January 14-17 | Detroit**

AutoMobili-D will showcase a special innovation community within the exposition that will feature 50 startups from around the world. AutoMobili-D will kick-off in conjunction with the start of Press Preview on Jan. 14 and will remain open through Industry Preview.



### [Smart Cities International Symposium & Exhibition](#) **Jan. 22-24 | Chicago**

The 3rd annual symposium brings together thought leaders and practitioners from around the world to explore the most recent technology advances, business models, and lessons learned to date in making the Smart City a reality. The emphasis is on implementation strategy, case studies, best practices, and the development of compelling business models for transitioning to the 21st Century Smart City.



### [The Smart City Event](#) **Jan. 29-Feb. 1 | Ft. Lauderdale**

Discover the nearly limitless potential of Smart Cities and how connected solutions will drive city wide improvements, better quality of life for residents and business opportunity for enterprises. Hear how your company can leverage these new capabilities to create new business models and drive revenue.



### [Pitch Club Michigan](#) **Jan. 30 | Detroit** **Feb. 27 | Ann Arbor (*application deadline is Feb. 3*)**

Hosted by Kyba Innovations, Pitch Club is a mentoring and funding program aimed at connecting the various ecosystems and smart zones throughout Michigan. Ongoing monthly events provides coaching to startups and entrepreneurs with the intention of preparing them to be investable. At every event, three lucky entrepreneurs receive the opportunity to practice their pitch. Application deadlines apply.

## **Funding Opportunities**

[View our full list here](#)

### [OPEN +](#)

ARPA-E announced \$12M in funding for five projects as part of its first-ever OPEN+ program. Inspired by the high quality of applicants in the agency's recent [OPEN 2018](#) funding opportunity, this first cohort will focus on ways to advance nuclear power by overcoming challenges in high performance materials science.

### [Cybersecurity Innovation for Cyberinfrastructure](#)

**Deadline:** Jan. 23, 2019

**Awards:** \$19.5M

The objective of the program is to develop, deploy, and integrate security solutions that benefit the scientific community by ensuring the integrity, resilience, and reliability of the end-to-end scientific workflow.

### [Training-based Workforce Development for Advanced Cyberinfrastructure](#)

**Deadline:** Feb. 6, 2019

**Awards:** \$6M

This program seeks to prepare, nurture, and grow the national scientific research workforce for creating, utilizing, and supporting advanced cyberinfrastructure. These efforts will help

enable and potentially transform fundamental science and engineering research and contribute to the nation's overall economic competitiveness and security.

### [Campus Cyberinfrastructure](#)

**Deadline:** Feb. 20, 2019

**Awards:** \$17M

The Campus Cyberinfrastructure (CC\*) program invests in coordinated campus-level networking and cyberinfrastructure improvements, innovation, integration, and engineering for science applications and distributed research projects.

### [Advanced Manufacturing](#)

**Deadline:** Proposals accepted anytime

**Awards:** TBD

The NSF seeks proposals that address issues related to national prosperity and security and advancing knowledge to sustain global leadership. Areas of research include manufacturing systems, materials processing, manufacturing machines, methodologies, and manufacturing across the length scales.

### [Grid Optimization \(GO\) Competition](#)

**Deadline:** Apr. 1, 2019

**Awards:** Up to \$4M

The GO Competition is a series of challenges to develop software management solutions for a resilient and secure American electricity grid. Consisting of multiple challenge rounds, the first will focus on the problem of Security Constrained Optimal Power Flow (SCOPF), wherein competitors must use software to route power to customers across a simulated grid in a reliable and cost-effective way.

### [Solicitation on Topics Informing New Program Areas](#)

**Deadline:** Dec. 19, 2019

**Awards:** \$18M

This announcement is purposely broad in scope, and will cover a wide range of topics to encourage the submission of the most innovative and unconventional ideas in energy technology. The objective of this solicitation is to support high-risk R&D leading to the development of potentially disruptive new technologies across the full spectrum of energy applications. Topics under this FOA will explore new areas of technology development that, if successful, could establish new program areas for ARPA-E, or complement the current portfolio of ARPA-E programs.

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### [Business Accelerator Fund](#)

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

### [Energy Foundation Grants](#)

### [Invest Michigan](#)

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

### [Motor City Match](#)

### [The Scherman Foundation Rosin Fund—Environment](#)

### [Rural Energy for America Program Renewable Energy Systems & Energy Efficiency Improvement Loans](#)

## Energy Solutions & Funding Programs

The [Lighting Technology Energy Solutions \(LiTES\)](#) program aims to reduce the



energy footprint in small and medium commercial buildings by accelerating the adoption of advanced lighting controls solutions through training and technology deployment.



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, DOT, etc.

## Stay Connected



[nextenergy.org](http://nextenergy.org)

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