



NOVEMBER 2018

Monthly Update



New faces and expertise at NextEnergy

Jim Saber, President & CEO
NextEnergy

I am excited to announce that our team has recently grown by three, expanding our expertise in our core technology and industry focus areas to even better serve our clients and partners. Here are the new faces you'll see at NextEnergy who will be working with innovators to accelerate smarter, cleaner, more accessible solutions for communities and cities. [Read more.](#)



David Jackson
Director, Business
Development and Industry
Partnerships



Nathalie Osborn
Director, Smart Grid
Initiatives



Tim Slusser
Director, Smart Mobility
Initiatives

Register today!



PlanetM Startup Grants: Informational Session & Webinar | December 11 | Detroit

Join us from 12:00 – 2:00 p.m., Tuesday, December 11 at NextEnergy in Detroit (or via webinar) to learn more about the [PlanetM Startup Grants](#). The grants provide access to \$1.3 million in funding for global mobility startups to test, validate and prove out new technologies with the goal of making transportation easier, safer and more affordable for Michigan residents.

This informational session will feature some of the state's leading mobility experts, including representatives from the Michigan Department of Transportation, Mcity, the American Center for Mobility and Kettering University. Get advice for a great application, and pick up tips from [DERQ](#), the winner of the first PlanetM Pilot Grant.

Who should attend?

Mobility startups, technology accelerators, investors, municipalities and other stakeholders interested in testing and/or piloting new mobility solutions.

Agenda

- 12:00 - 12:30 p.m. Registration and boxed lunch
- 12:30 - 1:30 p.m. Panel discussion moderated by NextEnergy
- 1:30 - 2:00 p.m. Audience Q&A

Learn more and register [here](#).

The discussion is free to attend in-person or via webinar (instructions to follow)

Application Extension!



InvestMidwest Venture Capital Forum

March 19-20 | Kansas City

Extension deadline: Jan. 4, 2019!

High-growth companies that missed the early application deadline to present their cases to investors still have time to apply for the 2019 event. Applications should be from fast-track companies seeking substantial investment. Qualifying companies will be invited to present at [InvestMidwest](#). The forum also provides opportunities for entrepreneurs to meet privately with venture capitalists, corporate investors, private investors, and business, financial and legal professionals. Apply [here](#)!

Events

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



Scaling for Success: Leaning Your Product Design!

Dec. 13 | Auburn Hills

Based on the U.S. DOE Build4Scale training program, this workshop is designed to help advanced manufacturing and hardware product developers with scaling their business, utilizing design for manufacturability disciplines.



Consumer Electronics Show

Jan. 8-11 | Las Vegas

The only place to experience the entire connected ecosystem that brings together the technologies, solutions, players and audiences in the smart city sector from around the world.



Automobili-D

Jan. 14-17 | Detroit

A portion of NAIAS will once again be 100% dedicated to innovative mobility technology. Companies and tech startups will showcase their new innovations--ranging from suppliers driving mobility technology, V2I connectivity and more.



North American International Auto Show

Jan. 14-27 | Detroit

This serves as the global stage for companies to debut brand-defining vehicles and industry-shaping announcements--with the largest concentration of the world's top automotive and technology executives, designers, engineers and thought leaders.



Smart Cities International Symposium & Exhibition

Jan. 22-24 | Chicago

Explore the most recent technology advances, business models, and lessons learned. Hear from expert speakers that will examine the experiences of municipal governments who are pushing the envelope and moving toward transitioning to the 21st Century Smart City.



The Smart City Event

Jan. 29-Feb. 1 | Ft. Lauderdale

Co-located with IOT Evolution Expo, 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.



Smart Energy Summit

Feb. 18-20 | Austin

The event highlights news approaches and solutions that are using connectivity and data to transform how energy is delivered--addressing the challenge and opportunity for utilities as consumer adoption of connected products and participation in renewable power generation increase.



Midwest Energy Solutions Conference

Feb. 20-22 | Chicago

Once a year, [MEEA](#) invites all energy stakeholders to gather to raise awareness and reinforce the importance of energy efficiency in the Midwest. Early-bird registration is officially open for the 2019!

11th Annual Global Automotive & Mobility Innovation Challenge

Nov. 27 | [Ann Arbor](#) (Regional Qtr. Finals)

Dec. 11 | [Detroit](#) (Regional Qtr. Finals)

Meeting of the Minds

Nov. 27-29 | Sacramento

Wards Intelligence FOCUS:Electrification Conference

Nov. 28 | Birmingham

IoT Tech Expo North America

Nov. 28-29 | Silicon Valley

The Fall Economic Development Toolbox

Nov. 29 | Lansing

Kyyba Innovations - Pitch Club

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Kyyba Innovations - Pitch Club

Jan. 30 | Detroit @ Bamboo

3rd Annual SV GAMIC Startup Competition

Dec. 4 | San Jose

Funding Opportunities

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

>>>ACTIVE<<<

Small Business Innovation Research Program Phase I (SBIR)

Deadline: Dec. 4, 2018

Awards: Up to \$225K

The NSF SBIR program seeks innovative proposals that show promise of commercial and societal impact. SBIR Phase I proposals are expected to outline R&D projects with the aim of

establishing technical feasibility or proof of concept of unproven, risky technologies.

Small Business Technology Transfer Program Phase I (STTR)

Deadline: Dec. 4, 2018

Awards: Up to \$225K

The NSF STTR program focuses on transforming scientific discovery into products and services with commercial potential and/or societal benefit. The NSF STTR program supports startups and small businesses in the creation of innovative, disruptive technologies, getting discoveries out of the lab and into the market.

Advanced Systems Integration for Solar Technologies (ASSIST)

Deadline: Dec. 7, 2018

Awards: \$46M

The DOE seeks applications that will strengthen the integration of solar on the electricity grid, especially at critical infrastructure sites, improve the resilience of the nation's electricity grid, and streamline technology transfer challenges. The nation's critical infrastructure is defined as the essential services that are vital to the economy, security, and health of the nation.

NEW - 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.

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.

NEW - Grid Optimization (GO) Competition

Deadline: April 1, 2019

Awards: Up to \$4M

ARPA-E's Grid Optimization (GO) Competition *GO Challenge 1*'s first dataset has been released. The GO Competition is a series of challenges to develop software management solutions for a resilient and secure American electricity grid. The GO Competition will consist 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.

NEW - Renewable Energy Systems and Energy Efficiency Improvements Program

Deadline: April 1, 2019

Awards: \$35.4M

The USDA is set to provide guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or energy-efficiency improvements.

>>>UPCOMING<<<

RFP - 2019 Michigan Clean Diesel Grant Program

Deadline: Nov. 26, 2018

Awards: \$425,000

The Michigan Department of Environmental Quality seeks proposals for competitive grant funding for the 2019 Michigan Clean Diesel Program. This RFP targets projects involving the early replacement of old diesel equipment and vehicles with new diesel, alternative fuel, as well as electric and hybrid equipment vehicles.

>>>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](#)

[Invest Michigan Pre-Seed Fund](#)

[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](#)

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

Energy Solutions



Save money and energy when you participate in this exclusive pilot program!

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. Our goal is to have 100 contractors/installers trained, and 100 advanced lighting technology demonstrations deployed in Michigan by 2019. Help us achieve it and lead this effort to save energy.

Federal 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, DOT, etc. The goal is to leverage public and private resources to drive increased federal support of Michigan advanced energy organizations, as well as to incentivize the transition of new technologies from the lab to the market.

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