



JULY 2018

NextEnergy Blog



EVs are growing and here to stay, how we'll charge them is still up for debate

Jim Saber, President & CEO
NextEnergy

If you follow the automotive industry announcements on the number of electric vehicles planned for the market in the next three to five years, and the growing number of [e-mobility](#) companies bringing electrified shuttles, motorcycles, scooters, and e-bikes to the market, it is sometimes hard to imagine the options and changes we will experience in how we move from point A to B in the near future. Electrified mobility offers many benefits to consumers and society. Read [more](#).

Startup and New Business Competitions!



[gBeta Detroit Fall Accelerator Program](#) gener8tor

gBETA is a program of nationally ranked startup accelerator [gener8tor](#) that invests in high-growth startups. Register today for the fall 2018 program, September 13-November 1! This is a free, seven-week accelerator for early-stage companies with local roots. Each program is capped at five teams. **Deadline to apply is Aug. 24!**



[Accelerate Michigan Innovation Competition](#) A chance to win \$1,000,000 in cash and prizes!

A program of [ID Ventures](#), is accepting applications for its 9th annual pitch competition. The best and brightest seed-stage businesses will be introduced to angel and venture capital firms. The competition supports Michigan's entrepreneurial ecosystem. Sponsorship opportunities are available. **Companies MUST register by Aug. 15 to be eligible to apply. Company application deadline is Aug. 31!**



[EnVolve Entrepreneurship Award and Competition](#) Up to \$250,000 in funding for new and early-stage businesses!

[Envolve Entrepreneurship](#) strives for a global society where all business owners can prosper

and grow--leveraging the success of two entrepreneurship award programs: The Hellenic Entrepreneurship Award (HEA) and the American Entrepreneurship Award (AEA), founded by the [Libra Group](#) to stimulate economic growth, innovation, and social change by providing access to capital and critical business mentorship among under-served communities. [Register](#) today!

Save the Date!

[CharIN North American CCS and ISO/IEC 15118 Interop Event](#)

Sep. 10-12 | Detroit

This event is the 9th to occur globally and the first in North America. CharIN's primary objective is to establish the Combined Charging System (CCS) as the global standard for AC and DC charging and to enable multi-vendor interoperability worldwide. CharIN is proud to announce a new multifaceted event that represents the next step in transforming this vision into reality.



[NASEO 2018 Annual Meeting](#)

Sep. 23-26 | Detroit

Smarter Together: Integrating Electric Vehicles, Buildings, and the Grid for Greater Efficiency, Intelligence, Resiliency, and Mobility

Greater integration between electric vehicles, buildings, and the grid offers opportunities for improved energy use management, communications between energy assets, energy affordability, and mobility. This dynamic discussion session will highlight policy and technology strategies to achieve these significant benefits.



[Toast of the Town](#)

Oct. 18 | Detroit

Awards will recognize an Entrepreneur of the Year, a Small Business Champion and up-and-comers from Techtown's [Labs](#) and [Blocks](#) programs. Enjoy a fabulous strolling dinner, signature cocktails and musical entertainment to celebrate Detroit entrepreneurship! [Sponsorship](#) opportunities are available. Get your [tickets](#) today!



Events

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



[CAR Management Briefing Seminars](#)

Jul. 30-Aug. 2 | Traverse City

This event is the nexus of the automobile industry and new mobility transformation--highlighting technology opportunities and strategic challenges. Hear the latest automotive trends and connect with leaders from throughout the industry.

The agenda includes a discussion on the increase in PEV sales and connecting to the grid raising the questions; *Is the grid ready...Is it clean...What is the role for automakers in assuring a seamless connection...And, what can suppliers need to help consumers plug in?* Hear answers to these questions from the panel participants [Jim Saber](#) (NextEnergy), [Michael Delaney](#) (Consumers Energy) and [Keith Wilson](#) (SAE International), moderated by [Brett Smith](#) (CAR) on [The Business of Plugging Into the \(Clean\) Grid](#).

DTX Launch Detroit Showcase 2018

Aug. 9 | Detroit

The DTX Launch Detroit teams have been working hard and now it is their time to pitch their business ideas to a panel of experts—and YOU! See first-hand their ideas in technology related products, services and apps. RSVP today!

AV Autonomous Vehicles Detroit

Aug. 20-22 | Novi

AV18 brings together the leading engineers, innovators, and executives driving the future of autonomy. *Who will deliver autonomous vehicles to society?* Hear answers to questions on the future of mobility and next generation of connectivity.



Electrification 2018

Aug. 20-23 | Long Beach

Explore the critical issues, benefits, and opportunities of electrification with a collection of industry experts. Learn about the capabilities and potential of today's electric technologies and best practices from utilities and vendors who implement these programs.



Better Buildings Summit

Aug. 21-23 | Cleveland

Held with DOE's annual Energy Exchange, focused on federal facility energy management, this summit will provide energy professionals to engage with one another, explore and share innovative strategies, emerging technologies and financing trends.



The Battery Show

Sep. 11-13 | Novi

Explore the full spectrum of cutting-edge solutions you need to make faster, smarter, and more cost-effective products at the most comprehensive industry event in North America.



TEDx Detroit

Sep. 26 | Detroit

The area's leading creators, entrepreneurs, educators, artists, geeks, designers, scientists, leaders, thinkers and doers will gather to share positive ideas for the world from Detroit.

Kyyba Innovations - Pitch Club

Sep. 12 | Grand Rapids

Automotive LIDAR 2018

Sep. 26-28 | Detroit

TechStars Mobility Demo Day

Oct. 9 (details coming soon!)

Autonomous Vehicle Technology

Expo 2018

Oct. 23-25 | Novi

Kyyba Innovations - Pitch Club

Oct. 24 | Detroit

Funding Opportunities

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

Computer and Information Science and Engineering (CISE) Research Initiation Initiative

Deadline: Aug. 8, 2018

Awards: \$10M

To encourage research independence immediately upon obtaining one's first academic position after receipt of the PhD, the Directorate for Computer and Information Science and Engineering (CISE) will award grants to initiate the course of one's independent research.

Vehicle Inspection for Early Warning (VIEW)

Deadline: Aug. 16, 2018

Awards: \$2.5M

The goal of VIEW is to develop a low-cost, automated, under-vehicle inspection system (fixed and mobile) for roadway mounting at facility access points, road border crossings, checkpoints, and other vehicle inspection locations for early warning.

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.

>>>UPCOMING<<<

Innovation Crossroads Cohort 3

Innovation Crossroads is an entrepreneurial fellowship program at Oak Ridge National Laboratory (ORNL), in partnership with the DOE, that supports leading technology innovators as they work to transform an energy or advanced manufacturing idea with global potential into a successful startup company.

NOI: Advanced Wind R&D to Reduce Costs and Improve Environmental Performance

Deadline: TBD

Awards: TBD

The DOE supports efforts aimed at catalyzing technical and operational solutions to reduce environmental compliance costs and improve environmental performance of turbines.

>>>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

Invest Michigan Pre-Seed Fund

Michigan Emerging Technologies Fund

Motor City Match

Rural Energy for America Program Renewable Energy Systems & Energy Efficiency Improvement Loans

Sustainable Environments Program

Training-based Workforce Development for Advanced

Lighting Technology Energy Solutions



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

The [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.

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.

461 Burroughs Street, Detroit MI 48202

313.833.0100 | info@nextenergy.org

nextenergy.org

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