



JUNE 2018

Monthly Update



Jim Saber, President & CEO
NextEnergy

Happy Summer from all of us at NextEnergy! As the weather is warming, our team has been hard at work -- here's just a few notable updates and accomplishments that I wanted to share with you:

Perhaps the biggest news of all is that we are growing our team! As we continue to pursue new relationships to our mission of accelerating cleantech solutions that create smarter, healthier, more accessible communities and cities, we are looking for an individual to lead our development efforts to grow mobility and built environment connected technology initiatives. If you, or someone you know would be a good candidate for this position, please submit your resume or pass this along. Learn [more](#).

DENSO Ventures has signed on for another year of sponsorship with us so that we can continue to support their innovation pipeline. **We welcomed BP Ventures here earlier this month** to meet with six promising start-ups as part of [their investment in a relationship with the Incubatenergy network](#) to grow, develop and invest in new energy solutions for a lower-carbon future.

Our LITES program has officially entered the pilot phase and, along with our partners, DTE Energy, Consumers Energy and the IBEW Local 58. We are actively seeking buildings (or commercial spaces) under 100,000 sq. ft. looking to save money and energy through advanced lighting controls. Please contact [Eric McDonald](#) at NextEnergy to learn more.

NextEnergy staff has been busy presenting and participating on panel discussions. Eric McDonald lead a demand response panel with DTE Energy, Enbala and Coritech Services at the Grid Modernization forum in Chicago last month. Wayne Snyder co-presented in Dearborn with IBM at a Merit Network conference on Blockchain: Beyond the Hysteria (see June blog). I will be participating in a panel at the [Digi.City](#) event (@ NextEnergy, 6/28) with Detroit's Chief of Mobility Innovation Mark de la Vergne; Detroit Regional Chamber CEO Sandy Baruah, and Vice President of IoT, SAS Analytics, Jason Mann.

Stay tuned for more updates in July. In the meantime, our team is happy to meet with you to discuss our current activities and some of the new programming we will be launching later this summer. As always, please feel free to reach out via phone, email or stop by!

Jim



Blockchain: Beyond the Hysteria

Wayne Snyder, Director Technology Development
NextEnergy

Blockchain. By now, most of you reading this blog have at least heard the term thrown around the last few years; perhaps a website featuring a new product offering, a recent business meeting, your kids at home, or an event such as the recent [Merit Network](#) conference where I co-presented on Blockchain with IBM's New Energy & Environment Business Development Executive [Liang Downey](#). Maybe you even know that Bitcoin, the digital cryptocurrency...read [more](#).

Job Opportunity



Business Development Manager

NextEnergy is currently seeking an individual who can develop, execute and promote revenue generating services and lead business development at NextEnergy to grow mobility and built environment connected technology initiatives and the industry. Responsibilities will also include leading/supporting a team with the development, delivery and follow through of NextEnergy's commercialization support services and programs. For more information, visit nextenergy.org or [LinkedIn](#). Interested in applying--submit resume to: jobs@nextenergy.org

Attention Startups!



Startup Grants Jul. 2018-Sep. 2019

Mobility startups will now have access to more than \$1 million in grant funding, thanks to a new statewide program--the first ever [PlanetM Startup Grants!](#)

[PlanetM Testing Grant](#)

Accelerate innovation by providing mobility startups the opportunity to access advanced testing facilities. This allows startups to focus their resources on enhancing and proving their technologies.

[PlanetM Pilot Grant](#)

Support global mobility startups to deploy their technologies on Michigan roadways in partnerships with Michigan communities and employers, making it easier, safer and more affordable for residents to get around.



Industry Connect Program Jul. 29-Aug. 2 | Traverse City

The [Industry Connect Program](#) provides guidance on approaching and talking to potential corporate partners / customers to get valuable information without giving away your "secret sauce" and commercializing early stage technologies. Held with the Center for Automotive Research(CAR) Management Briefing Seminars. **Deadline to [apply](#) is Jun. 25!** For questions, contact: Divya Patil dpatilha@umich.edu

Call for Projects!

[\\$8 Million Michigan Mobility Challenge](#)

Proposals Due: Jul. 16, 2018 - 5:00pm EST

The Michigan Department of Transportation (MDOT) will distribute \$8 million to fund multiple innovative pilot transportation projects of varying sizes that can solve mobility gaps for seniors, persons with disabilities and veterans in urban, rural and suburban communities throughout the state of Michigan.

The Challenge is a collaborative effort that includes: [MDOT](#), [PlanetM/MEDC](#), [Michigan Department of Health and Human Services](#), [Michigan Veterans Affairs Agency](#), [The Bureau of Services for Blind Persons](#), and [Michigan Department of Civil Rights – Division on Deaf, Deafblind, and Hard of Hearing](#).

Save the Date!

THE **BATTERY** SHOW
NORTH AMERICA 2018

Sep. 11-13 | Novi

The largest advanced battery technology event for industry leaders looking to meet with suppliers, learn about up-to-the-minute innovations, access high-quality education, and network with peers. ***Use promo code NE to get 20% off a conference pass!***

TED^xDetroit
x = independently organized TED event

Sep. 26 | Detroit

TEDx is a program of local, self-organized events that bring people together to share a TED-like experience. This is an independently produced offspring of the annual TED gathering of big brains and cool creators. ***Early bird pricing available through Jul. 1!***

**ACCELERATE
MICHIGAN**
INNOVATION COMPETITION

Nov. 13 | Detroit

Click [here](#) to receive updates and more information on the new and improved ID Ventures' AMIC! ***Company registration opens Jul. 15!***

Events

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

Digi.City Detroit

Jun. 28 | Detroit

Hear Lt. Governor Brian Calley and an esteemed [panel](#) as they discuss smart city technology and the future of mobility in Detroit. The State and industry leaders will talk about building the technical infrastructure needed to support the Gig economy--*what are mobility innovation solutions and how do they fit into the smart city paradigm, how can different technologies interact to improve services and experiences for everyday citizens, what are the challenges, and more.* Lunch will be served. [Register](#) today!



PlugVolt Battery Seminar

Jul. 17-19 | Plymouth

Hear from subject matter experts for the latest industry updates on energy storage systems in automotive and large-scale stationary grid/utility storage applications. Don't miss training by EnerDel on Lithium



2018 SAE CyberAuto Challenge™

Jul. 22-27 | Detroit

A five-day practicum-based workshop where teams comprised equally of students and professionals, automotive engineers, government engineers, and ethical "white-hat" hackers, work on cars to find answers

Ion battery chemistry, a tour of Intertek Battery Testing Center, and more!

to the challenges posed by cybersecurity in automobiles.



[CAR Management Briefing Seminar](#)

Jul. 30-Aug. 2 | Traverse City

An exceptional forum to hear from automotive industry leaders and visionaries as they deliver thought-provoking talks about the future of the global automotive industry. Build relationships while networking in the relaxed Northern Michigan setting.



[AV18 Autonomous Vehicle Detroit](#)

Aug. 20-22 | Detroit

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



[EPRI - Electrification 2018](#)

Aug. 20-23 | Long Beach

Learn about the capabilities and potential of today's electric technologies with an unparalleled collection of industry leaders. Explore the critical issues, benefits and opportunities of electrification, participate in expert training sessions and network to help build the future of electrification.



[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.

[Kyyba Innovations - Pitch Club](#)

Jun. 26 | Ann Arbor

[Kyyba Innovations - Pitch Club](#)

Sep. 12 | Grand Rapids

[Kyyba Innovations - Pitch Club](#)

Jul. 25 | Detroit

[Automotive LIDAR 2018](#)

Sep. 26-28 | Detroit

Funding Opportunities

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

>>>ACTIVE<<<

[Sustainable E-waste Management and Battery Technologies for the Off-grid Solar Sector](#)

Deadline: Jul. 15, 2018

Awards: \$1.8M

This program will catalyze innovative technologies and business models around sustainable battery technology and recycling infrastructure for the off-grid solar industry.

[Next Generation Transformers—Flexible and Adaptable Designs](#)

Deadline: Jul. 25, 2018

Awards: \$7.5M

The DOE seeks to stimulate innovative designs for more flexible and adaptable large power transformers (LPTs). LPT designs should promote greater standardization (i.e., commoditization) to increase grid resilience (i.e., faster recovery through greater

interchangeability) in the event of the loss of one or more LPTs.

[Smart and Autonomous Systems](#)

Deadline: Jul. 31, 2018

Awards: \$12M

This program focuses on intelligent physical systems (IPS) capable of robust, long-term autonomy requiring minimal or no human operator intervention in the face of uncertain, unanticipated, and dynamically changing situations. Ex: include, but are not limited to, robotic platforms, self-driving vehicles, underwater exploration vehicles, and smart grids.

[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.

>>>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 Cyberinfrastructure \(CyberTraining\)](#)

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

2018 NextEnergy. All Rights Reserved.

