



AUGUST 2018

Monthly Update



Jim Saber, President & CEO
NextEnergy

I hope you are all enjoying this last bit of summer before we head into the busy fall season! NextEnergy has been preparing to participate in some exciting events next month and we look forward to seeing many of you there.

On September 11-13, The Suburban Collection Showplace in Novi will welcome back The Battery Show, a premier industry event featuring 8,000 engineers and executives, and more than 600 leading suppliers across the advanced battery supply chain. This is an excellent opportunity in our own metro area to see and learn about what's happening in the industry, brush up on technical knowledge and make valuable connections. If you plan to attend the conference sessions, register using our promo code **NE** to receive a discount on your purchase.

That same week, September 10-13, NextEnergy is honored to host the First North American CharIN Interoperability Event here in Detroit. CharIN's primary objective is to establish the Combined Charging System (CCS) as the global standard for AC and DC charging and to enable multivendor interoperability worldwide. Event attendees will have the opportunity to participate in workshops with industry thought leaders and connect with teams from both EV and EVSE manufacturers at a live testing symposium on our campus. On September 13, CharIN will also host a task force meeting on high power charging for commercial vehicles that is open to both members and non-members. If you are involved in the EV or EVSE supply or value chains, we encourage you to apply to attend to stay at the forefront of the standards that will shape the future of the industry. More information and links to register can be found [here](#).

Detroit will also be the host city for the 2018 National Association of State Energy Officials (NASEO) Annual Meeting September 23-26. The meeting will convene state, local, and private sector leaders of breakthrough, innovative, and effective energy programs, policies, and projects for a series of discussions designed to foster peer learning and exchange among participants. On Tuesday, September 25, I will be joining Bill Squadron, president of OurEnergyPolicy (OEP) and others in the panel Smarter Together: Integrating Electric Vehicles, Buildings, and the Grid for Greater Efficiency, Intelligence, Resiliency, and Mobility. You can learn more about OEP and their mission in Bill's guest blog. More information on the event and NASEO can be found [here](#).

If you have any questions or would like to connect at any of these events, please feel free to reach out to me directly saberj@nextenergy.org

Jim

NextEnergy Guest Blog



Bill Squadron, President
OurEnergyPolicy.org

The ways that Americans produce, distribute, use, and think about energy are more important to our nation's future than ever before. But despite rapidly evolving financial, national security, and environmental realities – and significant advances in science and technology – our nation's energy policies are not adequately evolving to meet the challenges of our changing world.

OurEnergyPolicy.org (OEP), a non-partisan, non-profit organization was created to address this issue. Specifically, our mission is to facilitate substantive, responsible dialogue on energy policy issues, and provide this dialogue as a resource for the American people, policymakers, and the media. By bringing together experts in productive national discourse ...[read more](#).

PlanetM Startup Grants



Mobility startups now have access to more than \$1M in funding through the PlanetM Startup Grants, thanks to a new statewide program. The two-part program includes a PlanetM Pilot Grant and a PlanetM Testing Grant.

- **Who is eligible?** Mobility startups (defined as less than 10 years since founding; fewer than 100 employees; non-public, and worth less than \$500 million) inside and outside of Michigan
- **Where?** Anywhere in Michigan
- **When will applications be accepted?** August 2018 – September 2019
- **How to get connected?** www.planetm.com/grants
- **About**

The PlanetM Testing Grant will accelerate innovation by providing mobility startups the opportunity to access Michigan's advanced testing facilities. Individual grant amount may vary and a minimum of 25% match is required by the participant.

The PlanetM Pilot Grant will support global mobility startups to deploy their technologies on Michigan roadways, ultimately making it easier, safer and more affordable for Michigan residents to move around. Individual grant amount may vary and a minimum of 25% match is required by the participant.

- **Resources**
[Press Release/Article](#), [Video](#), [FB Live Interview](#)

Innovation Challenges & Competitions



[Global Automotive & Mobility Innovation Challenge](#)

The 11th Annual GAMIC is now open to innovators and their companies! Entrants compete for almost \$400K in total prizes of In-kind, professional services and contacts for the North American mobility space.

Deadline to apply is September 30!



Compete in the American-Made Solar Prize

A \$3M prize competition designed to accelerate and sustain American solar innovation through a series of prize competitions and the creation of a powerful network of experts that will support competitors throughout the competition. **Submission deadline is October 5!**

Events

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



NASEO 2018 Annual Meeting

Sep. 23-26 | Detroit

The National Association of State Energy Officials annual meeting will feature interactive sessions examining diverse energy markets and high-impact policies that build resiliency, state economies, and local communities. Special session highlights this year include energy cybersecurity, energy strategies focusing on rural communities, the costs and benefits of strategic electrification systems, and how the City of Detroit is accelerating sustainability.



Scaling for Success: Leaning your Product Design!

Aug. 29 | Auburn Hills

The Build4Scale training program is designed to help advanced manufacturing and “hardware” product developers. This is most valuable for those that have a unique physical product or process, developed prototypes or low volume production and need to move to a higher volume scale.



CharIN North American CCS and ISO/IEC 15118 Interop Event

Sep. 10-13 | Detroit

The 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. If you are involved in the EV or EVSE supply or value chains, we encourage you to attend.



The Battery Show

Sep. 11-13 | Novi

A powerful showcase, this leading global industry event covers today's emerging advanced battery technology for the automotive, portable electronics, medical technology, utility & renewable energy support sectors, and more. *Use promo code **NE** to receive a discount on conference sessions.*



Global Climate Action Summit

Sep. 12-14 | San Francisco

The Summit brings together leaders from state and local governments, business, investors, and citizens from around the world, to demonstrate how the tide has turned in the race against climate change. Can't travel -- virtually attend by streaming live on [YouTube](#), [Facebook](#) and [Twitter](#).

[IEEE Smart Cities Conference](#)

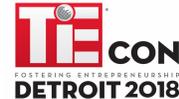
Sep. 16-19 | Kansas City

The 4th annual ISC2-2018 Conference
Theme: *A Systems Approach for Smarter Communities*. Bringing together researchers and practitioners in a collaborative smart cities discussion.

[Smart Cities Week](#)

Oct. 2-4 | Washington DC

Inspiring thinkers, civic leaders and technologists will highlight the benefits of innovative collaborations to solve all manner of urban challenges – from financing and capacity building to urgent infrastructure needs.



[Entrepreneur Bootcamp](#)

Oct. 5 | Detroit

A one day intensive bootcamp where you will gain access to an experience unlike anything else in the world! You will learn from and be supported by Be Investable Certified Advisors and dozens of guest business experts.

[Ignite 2 Disrupt - All About AI](#)

Oct. 6 | Novi

Can Michigan become a leader in Artificial Intelligence? Join us and become a part of the AI revolution in Detroit. The conference will be a unique opportunity for the brightest minds in AI to share best practices in intelligence engineering and applications.



[Toast of the Town](#)

Oct. 18 | Detroit

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

[Autonomous Vehicle Technology Expo](#)

Oct. 23-25 | Novi

Discover brand-new autonomous technologies and testing partners! A unique event dedicated to nothing but ADAS technologies and services, showcasing, discussing and debating everything you need to develop your Level 2 and 3 capabilities.

[AV18 Autonomous Vehicles Detroit](#)

Aug. 20-22 | Novi

[Automotive LIDAR 2018](#)

Sep. 26-28 | Detroit

[EPRI – Electrification 2018](#)

Aug. 20-23 | Long Beach

[TechStars Mobility Demo Day](#)

Oct. 9 | Detroit

[Better Buildings Summit](#)

Aug. 21-23 | Cleveland

[Kyyba Innoations - Pitch Club](#)

Oct. 24 | Detroit

[Kyyba Innovations - Pitch Club](#)

Sep. 12 | Grand Rapids

[Accelerate Michigan Innovation Competition](#)

Nov. 13 | Detroit

Funding Opportunities

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

>>>ACTIVE<<<

[Support Grants for Participation in ARPA-E Grid Optimization \(GO\) Competition](#)

Deadline: Sep. 7, 2018

Awards: Up to \$5M

ARPA-E's Grid Optimization (GO) Competition comprises a series of prize challenges to accelerate the development and comprehensive evaluation of new software solutions for tomorrow's electric grid.

[Advanced Wind R&D to Reduce Costs and Environmental Impacts](#)

Deadline: Sep. 26, 2018

Awards: \$6M

The DOE invests in early stage applied energy science research, development, and validation activities for United States land-based, offshore, and distributed wind power generation, manufacturing, and market barriers to lower wind energy costs, increase capacity, accelerate reliable and safe energy production, and address environmental and human use considerations.

[Office of Advanced Cyberinfrastructure \(OAC\): Research Core Program](#)

Deadline: Nov. 15, 2018

Awards: \$7.5M

The NSF supports research and education activities in all aspects of advanced cyberinfrastructure (CI) that lead to deployable, scalable, and sustainable systems capable of transforming science and engineering research. Advanced CI includes the spectrum of resources, tools, and services related to computations, data, software, networking, and security.

[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<<<

[RFI: National Wind Technology Center Facility and Infrastructure Investments](#)

Deadline: Aug. 24, 2018

Awards: TBD

This RFI is to address the growing research and development interest in the use of the National Renewable Energy Laboratory's National Wind Technology Center facilities for renewable energy, energy storage, and grid integration technology development and testing.

[Innovation Crossroads Cohort 3](#)

Applications Open: Sep. 6, 2018

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.

>>>ROLLING<<<

[Business Accelerator Fund](#)

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

[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.

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