NEXTENERGY
ask us what's next

MONTHLY CONNECT

APRIL 2018

Monthly Update

Greetings!

Partnerships drive NextEnergy. Whether it's a new startup looking to commercialize their tech, or an established organization seeking new ideas to move forward, you won't find a team that will work harder than us to make it happen. On that note, NextEnergy is pleased to announce that we were named one of eight founding accelerators in the Incubatenergy Network to receive sponsorship from BP Ventures. Under this sponsorship, we will be working with the BP Venture team to accelerate solutions in the areas of advanced mobility, power and storage, carbon management, bio and low carbon products, and digital transformation. If you are an innovator in these areas, please contact me to learn more about this exciting partnership and look for announcements and updates in the coming months.

I also look forward to connecting with many of you on May 15 at our LiTES Advanced Lighting Controls Summit, that we are hosting here at NextEnergy with our partners DTE Energy, Consumers Energy, IBEW, and the U.S. Department of Energy.

Jim Saber
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Register now for the LiTES Summit!

Advanced Lighting Technologies Summit
May 15, 2018 | 8:00 a.m. - 3:45 p.m.*
NextEnergy | Detroit

LiTES SUMMIT
ADVANCED LIGHTING CONTROLS

Join us to learn how you can save money and energy with advanced lighting controls!

This event provides attendees a comprehensive overview of the features and benefits of advanced lighting controls systems through presentations, case studies, a DesignLights Consortium-led (DLC) advanced lighting controls technology training session, and an overview from Consumers Energy and DTE Energy on how to take advantage of exclusive incentives to offset the costs of advanced lighting controls systems offered under the LiTES program. Whether you are looking to upgrade your existing system, or start a new project, you'll walk away with the information and resources you need to get started.

Event Highlights:

- Keynote address from Jim McGrath, Executive Specification Director - Lighting Controls, Crestron Electronics
- Project case studies on: The American Geophysical Union, Washington D.C.; The Whitney Restaurant, Detroit and Washtenaw County Community College, Ann Arbor
- Optional tour of IBEW Local 58's Zero Net Energy Center in Detroit's Corktown neighborhood!

Learn more and register at nextenergy.org/litessummit

EV Ride & Drive @ NextEnergy

Apr. 25 | 1:00 p.m. - 3:00 p.m.

Lightning Systems, a leader in zero-emissions solutions for fleets around the world, is taking their new LightningElectric Ford Transit Cargo Van on the road. This full-electric fleet vehicle with a hydrogen fuel-cell option is powerful, quiet and smooth!

Stop by NextEnergy on Wednesday, April 25 to participate in a ride and drive of this new all-electric product featuring state-of-the-art, liquid-cooled lithium-Ion battery from a volume-ready world-class supplier that can be fast-charged in 30 minutes on DC fast charging in six hours with Level 2 charging.

Save the Date!

Jun. 18-22
Startup Week Detroit
Join entrepreneurs, local leaders, and friends to build momentum and opportunity around your community's unique entrepreneurial identity. Held in various venues, choose the events you're interested in attending. **Sign up & be the first to know when registration opens!**

Jul. 17-19
PlugVolt Battery Seminar
An entire day will be devoted to in-depth training by EnerDel on Lithium Ion battery testing and validation methodologies, safety processes, and more. Win cool prizes in a raffle giveaway, enjoy an evening reception and an exclusive guided tour of Intertek. **Discounted early-bird registration is open!**

Events

View our full list of events here.

NREL - Industry Growth Forum
May 3-4 | Denver
For over twenty years, the National Renewable Energy Laboratory's (NREL) Industry Growth Forum has been the nation's premier clean energy investment event. The Forum features presentations from emerging clean energy companies, panels, one-on-one meetings, and organized networking opportunities. To receive $50 off the registration fee, put *Gina Schrader, NextEnergy* in the *referred by* registration field and use code *Ref50.*

Smart Cities Week Silicon Valley
May 7-9 | Santa Clara
How innovation is shaping the sustainable, inclusive cities we all want to live in is this year's focus. Hear about exciting advances in artificial intelligence, autonomous vehicles and cybersecurity as they apply to urban environments.

Connected and Autonomous Vehicles USA
May 14-17 | Santa Clara
Drilling down into the hottest topics shaping the future of the automotive space–from vehicle electrification and infrastructure to the evolution of ADAS and vehicle automation, to enhanced connectivity and new mobility models.

Innovation & Impact Symposium
May 31 | San Jose, CA
Focusing on the convergence and interdependence of emerging technologies in advanced mobility, energy and the built environment. Join the region's leaders from the startup, corporate, public and research communities to examine what it takes to integrate and implement solutions for maximum impact.

Internet of Things North America
May 31-Jun. 1 | Oakbrook, IL
This conference is focused on IoT and Connected Cities, specifically covering advanced connectivity and cloud based monitoring/control of devices, facilities, automobiles, people, and enterprise operations.

ITS America Detroit 2018
Jun. 4-7 | Detroit
Connectivity, autonomy and the future of transportation are spreading through multiple modes of transportation and transport. Hear what opportunities and challenges the future holds, the next generation of autonomy and what is beyond autonomy.

TU Automotive E-Mobility Detroit
Jun. 6-7 | Novi
A debut event, co-located with the world's largest automotive technology conference & exhibition – uniting players from new age EV automakers, automakers, tier 1's, charging infrastructure providers, battery providers, and the complete supply chain to plan for the electric future.

Meeting of the Minds Mobility Summit
Jun. 14 | Ann Arbor
A one-day thought leadership summit focused on emerging autonomous mobility and smart city solutions. Tour the recently opened ACM (formerly Willow Run) and experience live demos from OEMs and

A2 Tech Trek
Jun. 15 | Ann Arbor
A free community event to see inside the doors of many area tech companies to showcase their latest innovations. Whether you're a job seeker, student, professional, or someone curious about the Ann Arbor tech community, anyone is welcome to

mobility start-ups on the private track and infrastructure assets.

attend.

Automated and Connected Vehicle Systems Testing Symposium
Jun. 20-21 | Greenville, SC
A new event, hosted by Clemson University—International Center for Automotive Research (CU-ICAR), brings together technical experts to discuss ideas and methods to bridge the gap between technologies and products to address the top challenges of automated vehicle use within the public transportation system.

2018 CyberAuto Challenge™
Jul. 22-27 | Detroit
Forging the next generation of cyber-auto engineers! A five-day practicum-based workshop where teams comprised equally of students and professionals, including automotive engineers, government engineers, work on real cars to find real answers to the challenges posed by cybersecurity in automobiles.

Women in Automotive
Apr. 24 | Detroit

Tardec Industry Days
Apr. 25-26 | Warren

MEDC - Emerging Leaders Spring Program
Apr. 26 | Lansing

Low Voltage Vehicle Electrification
Apr. 30-May 2 | Detroit

Advanced Clean Transportation Expo
Apr. 30-May 3 | Long Beach, CA

Building Technologies Office 2018 Peer Review
Apr. 30-May 3 | Arlington, VA

Michigan Celebrates Small Business
May 3 | Lansing

TechConnect World Innovation Conference & Expo co-located with SBIR/STTR Spring Innovation Conference
May 13-16 | Anaheim

AutoSens
May 14-17 | Detroit

USGBC - Small Commercial Roundtable
May 16 | Detroit

The BlockChain Event
May 16-17 | Las Vegas

Connected and Autonomous Vehicles USA
May 17 | Santa Clara

Advanced Lighting for Automotive
May 21-23 | Detroit

Mackinac Policy Conference
May 29-Jun. 1 | Mackinac Island

Autonomous Vehicle Technology World Expo 2018
Jun. 5-7 | Stuttgart, Germany

ITEC 2018
Jun. 13-15 | Long Beach

Attention Startups!

Your input is critical! The Cleantech Group is collaborating with Chubb Insurance, a global insurance group to understand the top risks and opportunities cleantech entrepreneurs are facing. The goal is to explore ways which we can help cleantech companies better prepare for their future. Startup participants who complete the survey can receive a summary of the findings, a $500 credit toward your next Cleantech Group event, and an entry to win a Vive Headset.

As part of the Cleantech Open, Cleantech Open Midwest is accepting applications from Midwest-based cleantech start-ups. Accepted applicants work with mentors, access a valuable network of professionals, and attend business clinics and webinars that provide them with the skills they need to take their business forward.

Application deadline - May 1st

Participate in one-on-one technology discovery meetings! Planet M is teaming up with WardsAuto to host 1:1 match meetings at their upcoming Interiors Conference. Technology seekers will have an opportunity to be introduced to innovative technology providers from new and growing companies. **Application deadline - May 1st**

BP Ventures and RocketSpace present The Mobility Tech Innovation Collaborative. The only future of transportation innovation collaborative that offers a virtual collaboration platform focusing on the future of electric and autonomous/ connected vehicles. Test, learn, and explore opportunities with global corporate industry leaders across the mobile technology value chain.

Application deadline - May 11th

Funding Opportunities

View our full list of funding opportunities here.

>>>ACTIVE<<<

US-EU Internet Core and Edge Technologies
Deadline: May 7, 2018
Awards: $2.5M
The NSF supports research and education activities that seek to develop a better understanding of the fundamental properties of computer and network systems. This program supports transformative research on scientific and technological advances leading to the development of next-generation Internet and advanced wireless networking systems.

Computer Science for All
Deadline: May 9, 2018
Awards: $20M
The NSF has an FOA that focuses on researcher-practitioner partnerships that foster the research and development needed to bring computer science and computational thinking to all schools at the pre-K–12 levels.

Cybersecurity Innovation for Cyberinfrastructure
Deadline: Jun. 4, 2018
Awards: $12M
The objective of the Cybersecurity Innovation for Cyberinfrastructure (CICI) 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.

Small Business Innovation Research Program Phase I (SBIR)
The NSF SBIR program seeks innovative proposals that show promise of commercial and societal impact. Proposal submission accepted in almost any area of science and technology.
Deadline: Jun. 14, 2018
Awards: Up to $33.75M

[Small Business Technology Transfer Program Phase I (STTR)](#)
Deadline: Jun. 14, 2018
Awards: $9M
The NSF STTR Program funds early or "seed" stage research and development. The program is designed to provide equity-free funding and entrepreneurial support at the earliest stages of company and technology development.

[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](#)

[Energy, Power, Controls and Network (EPCN)](#)

[Environmental Infrastructure Programs](#)

[Michigan Emerging Technologies Fund](#)

[Motor City Match](#)

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

[Sustainable Environments Program](#)

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.

NextEnergy Center Highlights

A playground for connected technologies!
[NextHome](#) is part smart home, part distributed generation, and part direct current (DC) and operates as a "living lab" within NextEnergy's testing and validation platforms allowing our industry partners to leverage multiple IoT frameworks and a residential microgrid to accelerate the

development and commercialization of next generation energy technologies.