



Jim Saber, President & CEO
NextEnergy

As we approach the first official week of summer, the NextEnergy team is planning for key events important to our mission of working with innovators to accelerate smarter, cleaner, more accessible solutions for communities and cities.

Coming up this week locally is [Detroit Start Up Week](#), June 17-21 and the [Hardware Tech Summit](#) on June 19. Next month is the [Arpa-e Energy Innovation Summit](#), July 8-10 in Denver; the [Better Buildings Summit](#), July 10-11 in Arlington, VA, and the [NIST Global City Team Challenge's Smart and Secure Cities and Communities Challenge \(SC3\) Expo](#), July 10-12 in Washington D.C.

Then we return to Michigan for the annual [PlugVolt Battery Seminar](#), July 16-18 in Plymouth. NextEnergy is pleased to be a sponsor of this excellent event which includes an entire day of in-depth training by Exponent on battery design considerations, manufacturing best practices, thermal runaway events, failure analyses, battery management systems (BMS) and more.

NextEnergy is also excited to report that the state's two largest utilities (DTE and Consumers Energy) recently launched new programs to expand electric vehicle (EV) charging infrastructure in Michigan. The programs -- DTE's [Charging Forward](#) and Consumers Energy's [PowerMIDrive](#) -- will include rebates and incentives for the installation of both residential and commercial EV charging stations, and critical consumer education programs on EV ownership. Make sure to visit their websites to learn more about these programs we believe are key to increasing EV adoption in Michigan.

Bringing it all together is this month's blog from Tim Slusser, "Worries over battery life shouldn't deter your EV purchase." Make sure to check it out and share with your friends and colleagues to help support a more connected, cleaner future for mobility in Michigan.

As always, please feel free to reach out if you want to connect on any of these topics.

-Jim
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NextEnergy Blog

Worries over battery life shouldn't deter your EV purchase

Tim Slusser, Director, Smart Mobility Initiatives
NextEnergy



Whenever I speak in front of a group of people, I typically ask a simple question: “How many people here have driven an electric vehicle?” I’m no longer surprised by the lack of hands raised. The fact is that most people still believe that an electric vehicle cannot meet their needs. Let me help you understand why battery life doesn’t need to be one of those concerns. Read [more](#).

PlugVolt Battery Seminar

Conference fostering joint development efforts to advance energy storage solutions



July 16-18, 2019 | Inn at St. John’s | Plymouth, MI

Hear the latest industry updates on use of energy storage systems in automotive applications, large-scale stationary grid/utility storage applications and more.

Event attendees will get an exclusive opportunity to tour the 100,000+ square-foot Intertek Battery Testing Center of Excellence to learn about the latest testing methods for batteries of all sizes from coin-cell through electric vehicles. See this facility firsthand and ask questions to resident experts, and enjoy some light appetizers and beverages while networking with industry peers.

More information and registration [here](#).

Seeking Emerging Leaders at the Leading Edge of the Clean Energy Economy!



NextEnergy is a partner of the 5th annual [Midwest Energy News ‘40 Under 40’ awards program](#). The program seeks to highlight emerging leaders throughout the region who work to accelerate America’s transition to a clean energy economy. Open to all who are under 40 at the time of nomination showcasing leaders from all sectors—including industry, government, regulatory, business, academia, non-profit and advocacy. ***Nominate by 5:00pm CT, August 2!***

Upcoming Events

View our full list [here](#)

[Detroit Startup Week](#)

June 17-21

Out of 40 other Techstars-related events in the U.S., Startup Week Detroit is regarded as the most diverse of its kind in the nation. Participate in a new type of conference, led by entrepreneurs dedicated to building momentum and opportunity in Detroit.



[AWE Lunch with Rep. Donna Lasinski](#)

June 24 | Lansing

Join us for networking, lunch, and conversation with House Energy Committee Minority Vice Chair Representative Donna Lasinski! This event is free for AWE members. Non-members are also welcome to join for a fee of \$25.



Advancing Women in Energy

[ARPA-E Energy Innovation Summit](#)

July 8-10 | Denver

In its 10th year, the Summit offers a unique, three-day program aimed at moving transformative energy technologies out of the lab and into the market. [Register now](#) to join top energy innovators from around the globe.



[U.S. DOE Better Buildings Summit](#)
July 10-11 | Arlington, VA



The 2019 Better Buildings, Better Plants Summit is an opportunity for industry professionals and partners to explore emerging technologies and share innovative strategies in energy and water efficiency. Join us for 2 days of interactive sessions and peer networking with industry experts and market leaders!

[The Battery Show](#)
Sep. 10-12 | Novi



Join a community of engineers, innovators, and thought leaders for a conference and expo dedicated to the advanced battery and automotive industries. Register now for [early bird rates!](#)

[ITEC 2019](#)
June 19-21 | Novi

[Detroit Fintech Challenge](#)
2019
Aug. 3 | Detroit

[2019 Innovation & Impact Symposium](#)
June 19 | San Leandro, CA

[CAR Management Briefing Seminar](#)
Aug. 6-8, 2019 | Traverse City

[PlugVolt Battery Seminar](#)
July 16-18 | Plymouth

[Smart Cities Week](#)
Sep. 30-Oct. 2 | Washington, DC

Funding Opportunities

View our full list [here](#)

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[Buildings Energy Efficiency Frontiers & Innovation Technologies \(BENEFIT\) 2019](#)

Deadline: July 15, 2019

Awards: Up to \$6M

This FOA will allow all interested parties (universities, corporations, non-profits, national labs) to research and develop innovative technologies that will improve energy productivity, improve flexibility, security and resiliency, as well as lower energy costs. The Building Technologies Office intends to fund high-impact, early-stage research in the following three topic areas: 1) Flexible Building Technologies; 2) Heating, Ventilation and Air Conditioning Technologies; and 3) Solid-State Lighting Technologies.

[Bioenergy Technologies Office Multi-topic FOA](#)

Deadline: July 22, 2019

Awards: Up to \$79M

The DOE will provide funding to address the highest priority R&D areas within biofuel technologies, bioproducts, and biopower. It includes areas of interest (AOIs) from all five Bioenergy Technologies Office (BETO) programs: Feedstock Supply and Logistics; Advanced Algal Systems; Conversion; Advanced Development and Optimization; and Sustainability and Strategic Analysis. Each AOI supports BETO's objectives to reduce the minimum selling price of drop-in biofuels, lower the cost of biopower, enable high-value products from biomass or waste resources, and improve the quality of feedstock characterization and reliability of biorefinery

operations.

[Integrated Mobility Innovation Demonstration Program](#)

Deadline: Aug. 6, 2019

Awards: \$15M

The Integrated Mobility Innovation Demonstration program's primary purpose is to fund projects that demonstrate innovative, effective approaches, practices, partnerships, and technologies that enhance public transportation, increase efficiency, expand quality, promote safety, and improve the traveler's experience.

[Advanced Building Construction with Energy-efficient Technologies and Practices](#)

Deadline: Aug. 12, 2019

Awards: Up to \$33.5M

This FOA aims to develop deep energy retrofit and new construction technologies that holistically tackle a combination of envelope, heating, cooling, water heating, and ventilation issues.

[Clean Energy Manufacturing Innovation Institute: Cybersecurity in Energy-Efficient Manufacturing](#)

Deadline: Aug. 20, 2019

Awards: \$70M

The EERE seeks to establish a clean energy manufacturing innovation institute dedicated to advancing cybersecurity in energy-efficient manufacturing. The institute will pursue targeted research and development that will focus on understanding the evolving cybersecurity threats to greater energy efficiency in manufacturing industries, developing new cybersecurity technologies and methods, and sharing information and knowledge with the broader community.

[FY19 Advanced Manufacturing Office Multi-topic FOA](#)

Deadline: Aug. 29, 2019

Awards: \$89M

MATch Energy Grant Eligible

This FOA supports federal investment in innovative, early-stage advanced manufacturing applied research and development projects that focus on specific high-impact manufacturing technology, materials, and process challenges. The topics are aimed at foundational energy-related advanced manufacturing technologies that impact areas relevant to manufacturing processes and broadly applicable platform technologies.

Topic areas include:

1. Innovations for the manufacture of advanced materials
2. Lower thermal budget processes for industrial efficiency and productivity
3. Connected, flexible and efficient manufacturing facilities and energy systems

[Small Manufacturers Energy Waste Reduction Incentive Pilot \(SMEWRIP\)](#)

Deadline: Aug. 30, 2019

Awards: Up to \$15K

MATch Energy Grant Eligible

The MEO is offering rebates to eligible manufacturing facilities in Michigan to implement energy waste reduction activities. Proposed activities must be directed at achieving onsite energy savings at a company's manufacturing facility, provide a minimum one-to-one match, and involve no equipment costing \$5K or more.

[Smart and Connected Communities](#)

Deadline: Sep. 6, 2019

Awards: \$43M

The goal of the NSF Smart and Connected Communities (S&CC) program solicitation is to accelerate the creation of the scientific and engineering foundations that will enable smart and connected communities to bring about new levels of economic opportunity and growth, safety and security, health and wellness, and overall quality of life.

[OPEN +](#)

ARPA-E announced \$12M in funding for five projects as part of its first-ever OPEN+ program. Inspired by the high quality of applicants in the agency's recent [OPEN 2018](#) funding opportunity, this first cohort will focus on ways to advance nuclear power by overcoming challenges in high performance materials science.

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[Business Accelerator Fund](#)

[The Energy Efficiency and Renewable Energy Loans for Michigan Businesses](#)

[Energy Foundation Grants](#)

[Invest Michigan](#)

[Michigan Emerging Technologies Fund](#)

[Motor City Match](#)

Energy Solutions & Funding Programs



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.



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.

Stay Connected



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