



Jim Saber, President & CEO
NextEnergy

To shine a light on the important work being done in Michigan to advance mobility efforts across the state, we asked Amanda Roraff, operations manager at [PlanetM](#) to provide an overview of their Mobility Grant Program. NextEnergy works to support project management services for each pilot program. Wayne Snyder, our director of technology development, has been able to leverage his technical background and experience managing similar programs such as [MDrive](#) and [NextRide](#) to ensure that each pilot meets its program objectives. We are excited to be part of a program that aligns so perfectly with our mission of working with innovators to accelerate smarter, cleaner, more accessible solutions for communities and cities. Please read Amanda's blog below to learn more. If you're interested in discussing how we can accelerate your smart mobility or smart grid solutions please contact David Jackson, director, business development and industry partnerships, at 313.833.0100, ext 140 or by [email](#).

NextEnergy Blog



Mobility solutions for Michiganders hitting the road

Amanda Roraff, Operations Manager
PlanetM

When the PlanetM Startup Grants were announced last year, the goal of the two-part program was for global mobility companies to test and deploy their solutions here in Michigan. Over the course of the last year, we realized that the opportunity for testing and deployment could, and should, go beyond mobility startups. Re-branded the [PlanetM Mobility Grants](#), small, medium and larger businesses now all have the opportunity to access funding for pilots and testing deployments here in Michigan. Read [more](#).

Hardware Tech Summit & Innovation Pitch Competition



June 19 | Lexus Velodrome | Detroit

PlanetM in partnership with [Centropolis Accelerator](#) and [Hardware Massive](#), is excited to host the inaugural [Hardware Tech Summit](#) on June 19 during Detroit Startup Week! This no cost

one-day conference will highlight top “physical product” innovators, local and global investors, Michigan manufacturers and engineering firms, and other resources to help hardware innovators scale for success. Summit includes: keynotes, panels, exhibitor floor, pitch competition, and a reception. Register [here](#) to attend!

The [Hardware Innovation Pitch Competition](#) provides cash prizes and free services for innovative hardware startups in and out of the mobility space. Eight finalists will be selected and notified by June 7 to pitch during the Hardware Tech Summit.

- *Prize #1 – \$10,000 LTU Centrepolis Accelerator: Best Michigan Hardware Company*
- *Prize #2 – \$10,000 PlanetM: Best Hardware Mobility Company (companies building hardware products with integrated software solutions changing the way the world moves - open to companies inside and outside of Michigan)*

***Click [here](#) for competition eligibility requirements.
Apply by midnight, May 31!***

This is a separate application page from the Hardware Tech Summit.

You will need to also [register](#) for the event.

For questions contact [Charlie Tyson](#), Project Manager, PlanetM



Center for Automotive Research Industry Briefing Seminar



[The Business of Plugging In](#)
June 25 | 8:30am-12:00pm | Detroit

Hosted by and in partnership with NextEnergy, the briefing will bring together companies delivering business models to succeed in a PEV world. With expectations for drastically increased plug-in electric vehicle (PEV) sales, the discussion will highlight critical challenges, and focus on opportunities through the entire plug-in value chain. [Register](#) today!

EV Pilot Project Opportunity

[NY Power Authority \(NYPA\) Innovation Challenge](#)

The [Urban Future Lab \(UFL\)](#) has launched an innovative partnership with the [NYPA](#) to support startup businesses interested in pursuing pilot projects focused on electric vehicle (EV) and/or energy storage technology. Applications will be evaluated based on their potential to save money, improve safety or operations, reduce maintenance, improve efficiency, or save manpower or time.

Application deadline is June 15!

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](#)

Mackinac Policy Conference May 28-31 | Mackinac Island

The 2019 conference will focus on uniting the state as *One Michigan* under 3 pillars: *Prepare, Grow, Love*



ITS America

June 4-7 | Washington, DC

People, Data, Freight -- Innovative business models can flourish in the new age of mobility. Be a part of the conversation that will shape an environment for safe deployment of connected and automated mobility.



A2 Tech Trek

June 7

One day a year, leading technology companies open their doors to the public and showcase their latest innovations. Get a head start on your trek starting at noon, after Tech Talk, while checking out the latest developments in autonomous and connected vehicles.



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.



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.



PlugVolt Battery Seminar July 16-18 | Plymouth

Hear the latest industry updates on use of energy storage systems in automotive applications, large-scale stationary grid/utility storage applications and more. Tour Intertek Battery Testing Center of Excellence to learn about the latest testing methods for batteries of all sizes.



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!](#)



[Pitch Club: Detroit](#)
May 22 | WeWork Detroit

[U.S. DOE Better Buildings Summit](#)

[TU Automotive E-Mobility](#)

[Detroit](#)

June 4-6 | Novi

[ITEC 2019](#)

June 19-21 | Novi

[2019 Innovation & Impact Symposium](#)

June 19 | San Leandro, CA

July 10-11 | Arlington, VA

[Detroit Fintech Challenge 2019](#)

Aug. 3 | Detroit

[CAR Management Briefing Seminar](#)

Aug. 6-8, 2019 | Traverse City

[Smart Cities Week](#)

Sep. 30-Oct. 2 | Washington, DC

Funding Opportunities

View our full list [here](#)

<<<[Active](#)>>>

[RFI: Research and Development Opportunities for Innovations in Sensors and Controls for Building Energy Management](#)

Deadline: June 3, 2019

Awards: TBD

The purpose of this RFI is to solicit feedback from industry, academia, research laboratories, government agencies, and other stakeholders on issues related to sensor and control technologies for optimizing building energy management. This information will be used by the DOE's Building Technologies Office to update its sensors and controls R&D strategy and supporting energy savings and cost reduction goals, as well as to inform future strategic planning and adjustments to its R&D portfolio.

[Assistance to High Energy Cost Communities](#)

Deadline: June 24, 2019

Awards: Up to \$10M

These competitive grant funds from the USDA may be used to acquire, construct, or improve energy generation, transmission, or distribution facilities serving communities where the average annual residential expenditure for home energy exceeds 275 percent of the national average.

Eligible projects also include on-grid and off-grid renewable energy projects and the implementation of energy-efficiency and energy conservation projects for eligible communities.

[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.

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

Concept Paper Deadline: Jun 10, 2019 at 5 p.m. ET

Full Application Deadline: Aug. 12, 2019 at 5 p.m. ET

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

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](#)



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.

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