



NEWSLETTER



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November 25, 2020

Our [Annual Energy Storage Technology and Innovation Conference](#) is only two weeks away! On December 8-9, 2020 NY-BEST, in partnership with the Southern Tier Clean Energy Incubator, will host this a virtual event. The conference will be held over two days and will include live and on-demand sessions on the latest innovations and technological advances in energy storage, including: energy storage technology innovations; new battery technologies; battery reuse, recycling and sustainability; innovations in energy storage management systems and expanding market applications for energy storage.

The conference will include keynote presentations from highly-respected leaders from industry and academia, panels and roundtable discussions, an interactive company exhibition area, a student poster session and contest and a start-up company showcase. Attendees will have ample opportunities to participate in sessions through Q&A with speakers and virtual networking. [Information on registration and sponsorships can be found on the event page on our website.](#) I hope you will plan to join us in December from what promises to be an outstanding lineup of battery and energy storage innovators!

Next week on December 3, NY-BEST will present a 2-1/2 hour webinar course on siting and permitting energy storage in New York State. Attendees will receive an overview of state and local permitting, zoning and siting considerations and hear directly from legal experts with experience siting energy storage, including siting storage in New York City. Featured Speakers will include Jim Muscato, Rob Panasci, and Hyde Clarke from Young Sommer, LLC. They will be joined by Tria Case, Director of Sustainability and Energy Conservation for the City University of New York (CUNY) and the Smart DG HUB. [Event details and registration are available on the NY-BEST website.](#)

Governor Andrew M. Cuomo recently announced the availability of \$11 million to build out the state's network of fast charging stations to support wider adoption of electric vehicles. The Direct Current Fast Charger program (PON 4509) will be administered by NYSERDA to scale up electric vehicle infrastructure in areas of the state where access to fast charging stations is limited, and will also prioritize improving the availability of charging infrastructure

in disadvantaged communities. [More information on PON 4509 can be found on NYSERDA's website here.](#)

In order to facilitate partnering that is expected to be helpful for companies seeking funding under PON 4509, NY-BEST has set up a web-based process for companies to connect and potentially partner to fulfill the goals of the PON. If you are interested in partnering for the DCFC PON opportunity, we ask that you send us an email with your name, company and contact info to info@ny-best.org with the subject line "DCFC PON" and we will get back to you with instructions for the partnering site.

We wish all of you a happy and safe Thanksgiving. NY-BEST is grateful for your support and participation.

Best regards,



William P. Acker

Executive Director

UPCOMING EVENTS

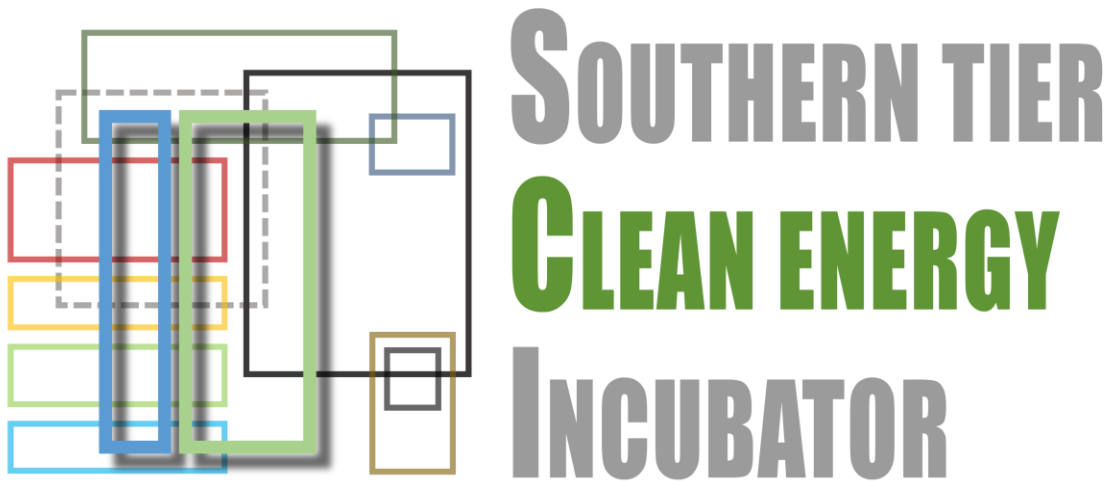


NY-BEST Energy Storage Technology and Innovation Conference

The New York Battery and Energy Storage Technology (NY-BEST) Consortium in partnership with the Southern Tier Clean Energy Incubator, is hosting its **Annual Energy Storage Technology and Innovation Conference** on **December 8-9, 2020** as a virtual event!

[Read More](#)

MEMBER SPOTLIGHT



Southern Tier Clean Energy Incubator
Founded in 2017, The Koffman Southern Tier Incubator in downtown Binghamton, NY is a non-profit facility offering offices, high-tech labs and co-working spaces to promote collaboration and business growth. Through partnership with Binghamton University and SUNY Broome — programming, mentoring...

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FUNDING OPPORTUNITIES

[Phase I Release 1 Funding Opportunity Announcement \(DE-FOA-0002359\) for the SBIR and STTR Programs](#)

The Department of Energy (DOE) has issued its FY 2021 Phase I Release 1 Funding Opportunity Announcement (DE-FOA-0002359) for the SBIR and STTR Programs. Qualified small businesses with strong research capabilities in science or engineering in any of the research areas sought in the announcement are encouraged to apply.

The following DOE program offices are participating in this Funding Opportunity Announcement:

- Advanced Scientific Computing Research
- Basic Energy Sciences
- Biological and Environmental Research
- Nuclear Physics

Downloading the Funding Opportunity Announcement (FOA) and Topics

- The FOA (DE-FOA-0002359) is available at [Grants.gov](https://www.grants.gov) at <https://www.grants.gov/web/grants/search-grants.html>. Download the FOA Instructions and the Application Package by keying in DE-FOA-0002359 under FUNDING OPPORTUNITY NUMBER.

The Topics for Release 1 are available at <https://science.osti.gov/sbir/Funding-Opportunities>.

STC Solar + Storage RFP

Solar One has received U.S. Department of Housing and Urban Development (HUD) Community Stewart Tenants Corp, a New York cooperative housing corporation, is a 21-story multifamily property located at 70 East 10th Street, New York, NY. Stewart Tenants Corp is seeking bids for the installation of a resilient solar power (PV) and energy storage (ESS) system.

AFFORDABLE SOLAR AND STORAGE PREDEVELOPMENT AND TECHNICAL ASSISTANCE

Affordable Solar Predevelopment and Technical Assistance will provide up to a total of \$3.6 million to address barriers to solar installations serving low-to-moderate income (LMI) households living in rental housing, multifamily buildings, or other households not served by traditional onsite residential solar. Individual awards will not exceed \$200,000. Funding to proposals through this solicitation will offset costs for predevelopment and technical assistance work needed to implement solar installations for multifamily affordable housing and/or shared solar (Community Distributed Generation) installations that benefit LMI households.

Applications Due: December 31, 2024 by 3:00 p.m. ET

ON-THE-JOB TRAINING FOR ENERGY EFFICIENCY AND CLEAN TECHNOLOGY

NYSERDA's On-the-Job Training (OJT) for Energy Efficiency and Clean Technology program provides wage subsidies to eligible businesses to reduce the financial risk of hiring and training new workers, while developing job skills for new workers in energy efficiency and clean technology businesses.

NYSERDA is working closely with the New York State Department of Labor (NYSDOL) to deliver this OJT program. NYSDOL will assist eligible businesses with developing OJT training plans as well as assessing necessary skills and available workers that match those skills. Incentives will be provided to businesses that hire workers for OJT enabling new workers to obtain clean energy field experience that cannot be gained by classroom training alone.

All incentives, maximum funding amounts (i.e., caps), and COVID-19 specific provisions are subject to change on 12/31/20.

Applications Accepted Through:

October 31, 2023 by 3:00 p.m. ET

For the Summary of Revisions and all Associated Documents Visit:

[PON 3982 Solicitation Detail Page](#)

[More Funding Opportunities Online](#)

CURRENT NEWS

NY-BEST Members

[Long Island Could Save Money Replacing Old Peakers With Batteries, Study Finds](#)

Long Island could start shutting down fossil-fueled peakers and replacing them with batteries in the next few years and save customers money in the process, according to a

new analysis from Strategen Consulting and the New York Battery and Energy Storage Technology Consortium (NY-BEST).

[*Governor Cuomo Announces \\$11 Million in Volkswagen Settlement Funds to Expand Electric Vehicle Fast Charging Stations in New York*](#)

Governor Andrew M. Cuomo today announced the availability of \$11 million to build out the state's network of fast charging stations to support wider adoption of electric vehicles. The Direct Current Fast Charger program will be administered by the New York State Energy Research and Development Authority to scale up electric vehicle infrastructure in areas of the state where access to fast charging stations is limited, and will also prioritize improving the availability of charging infrastructure in disadvantaged communities.

[*Hydrogen first used for energy storage then wider applications: Mitsubishi Power*](#)

Mitsubishi Power Americas is positioning itself as a decarbonization company based initially on hydrogen and lithium-ion battery storage technologies, with longer-term plans for hydrogen to be used in other applications like power generation, according to President and CEO Paul Browning.

[*U.S. utilities, Tesla, Uber create lobby group for electric vehicle industry to boost sales*](#)

A group of major U.S. utilities, Tesla, Uber and others said on Tuesday they are launching a new group to lobby for national policies to boost electric vehicle sales.

[*EnergyLink3 and C4V Lead Tesla In Race to Less Toxic Mobile Battery Solution*](#)

EnergyLink3 batteries will be manufactured in New York at a former IBM campus by C4V and iM3, which has been supported by a \$13.25 million investment by Governor Cuomo's administration, making it the world's 7th Gigafactory.

[*For lithium to still lead the way...*](#)

Whether or not lithium-ion batteries will represent the dominant force in energy storage in the distant future, the reality is that it dominates the present day of grid-connected energy storage just as it does electric vehicles and consumer electronics. The cost of commercial lithium battery packs has fallen, on average, about 10 times since 2010. Energy and power density improve all the time.

[*Li-ion battery recycling company Li-Cycle closes Series C round*](#)

Li-Cycle Corp., North America's largest lithium-ion battery recycling company, closed a Series C equity funding round to fund the development of its Rochester, New York Commercial Hub and to drive expansion into international markets.

[*After delays, Endicott lithium-ion battery factory at former IBM campus is back on track*](#)

While acknowledging the ramp-up for his lithium-ion battery factory in Endicott has taken far longer than expected — in part, due to the difficulty of obtaining financing during the grip of a pandemic — the project's chief said the effort is on track to begin production in 2022 with 150 workers.

Beyond NY-BEST

[*An \\$11 trillion global hydrogen energy boom is coming. Here's what could trigger it*](#)

The Advanced Clean Energy Storage project in Utah aims to build the world's largest storage facility for 1,000 megawatts of clean power, partly by putting hydrogen into underground salt caverns.

[*Green hydrogen: The zero-carbon seasonal energy storage solution*](#)

One of the planet's most abundant elements, hydrogen has the capacity to be a game-changer in decarbonising the global energy system

[*UK energy plant to use liquid air*](#)

Work is beginning on what is thought to be the world's first major plant to store energy in

the form of liquid air. It will use surplus electricity from wind farms at night to compress air so hard that it becomes a liquid at -196 Celsius.

[*GM to hire 3,000 engineers, designers, IT workers to speed up electric vehicle production*](#)

The automaker will hire 3,000 engineers, designers and technology specialists between now and the end of the first quarter, and most of those people can work remotely, opening up the talent pool across the nation.

[*Form Energy Raises Another \\$70M for Long-Duration Storage*](#)

Form Energy raised a \$70 million Series C to scale its super-long-duration energy storage technology.

[*Long-duration energy storage milestones achieved by Lockheed, Eos and Form Energy*](#)

While lithium-ion continues to dominate big project announcements worldwide, three providers of long-duration non-lithium battery technologies have claimed various milestones in commercialisation.

[*The next president's road ahead for clean energy and the environment*](#)

The environmental policies adopted by President-elect Biden's administration will overwhelmingly influence global economic investments and geopolitical affairs. This, in large measure, will determine the speed of the development of new high paying sustainable jobs in America's new green economy.

[*GM Sets Sights On Overtaking Tesla With \\$27 Billion Push For EV Market Dominance*](#)

General Motors is shifting into overdrive on electric vehicles to carve out a bigger share of that market, with plans for dozens of new models, redeployment of engineers to a dedicated electric vehicle division and committing \$27 billion for battery and autonomous technology development to overtake Elon Musk's Tesla.

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