



**December 12th, 2021**



NY-BEST is proud to announce that we are a partner in a proposal—led by Binghamton University—that was selected as a finalist of Phase 1 of the Economic Development Administration (EDA)'s Build Back Better Regional Challenge. The proposal, "New Energy New York", aims to meet the demand for domestic battery products and help create a competitive edge for U.S. manufacturers, while ensuring equity and environmental justice. The coalition proposes to establish a battery manufacturing center in New York's Southern Tier, enhance workforce and supply chain development, establish a climate justice initiative, and develop a storage accelerator.

EDA received concept proposals from 529 communities across the country representing all 50 states and 5 territories. From addressing climate change and tackling supply chain shortages, to ensuring that all Americans are part of our economic recovery, this portfolio of work is critical to building back our local and regional economies, so they are stronger and more equitable.

In Phase 1 of the Build Back Better Regional Challenge, EDA is awarding \$30 million in planning grants to 60 finalists representing 42 states and 1 territory, to build or create industry clusters in over 9 types of industries that are driving regional economies. This \$500,000 Phase 1 award will help us and our coalition of partners to develop our vision and complete the group of project applications for consideration of implementation funding that will range from \$25 to \$100 million.

We congratulate our partner, Binghamton University, and the team there led by Dr. M. Stanley Whittingham, on this success. We look forward to working with them and in concert

with many of our member companies as we prepare the full submission for the due date in March.

NY-BEST recently put out a “**Call for Speakers**” for our upcoming [Capture the Energy 2022 NY-BEST Annual Meeting and Conference](#). The conference, in it's 12th year, will be held in person on May 24-26 at the Albany Capital Center in Albany, NY. Capture the Energy brings together hundreds of experts in the energy storage and renewable energy industry to discuss the challenges and opportunities available to the energy storage industry in New York State and across the northeast region.

We invite innovators and leaders in energy storage to submit your ideas for interesting and engaging presentations or panels. [Please review speaker instructions on our website](#) before submitting your materials. and be sure to **submit your proposal before the deadline of January 14, 2022.**

Finally as this will be our last newsletter of 2021, I'd like to offer my sincere thanks to all who have supported NY-BEST in our efforts to make New York State a leading destination for battery and energy storage innovation and deployment. We can't do it without you, and I'm grateful for all you do.

Best wishes to you, your families and loved ones for a safe, healthy and happy holiday season.

Best regards,



William P. Acker

Executive Director





**AES Corporation** The world no longer thinks of energy as a matter of supply and demand. Now it's a space for innovation and partnership. With this transformation comes a responsibility to work with a smarter approach, new thinking informed by past experiences, and with stronger collaboration between regulators and innovators, old systems and new technologies.

[READ MORE](#)



[Binghamton University New Energy NY project a finalist in nationwide competition for federal dollars](#)

University receives \$500,000 to develop a proposal to compete for up to \$100 million for battery manufacturing

[BAE Systems makes multi-million dollar facility investment to support Aircraft Electrification](#)

The upgraded engineering development, manufacturing and laboratory space focuses on maturing energy storage, controls and power conversion systems for aviation applications.

[Battery Giant LG Energy Strikes Supply Deal With Recycling Firm](#)

One of the world's largest electric-car battery makers struck a deal with recycling firm Li-Cycle Holdings Corp. as surging demand for key raw materials pushes consumers to expand their supply chains.

[Intelligently electrifying the planet](#)

The electrification of school buses is a goal shared by many. Accomplishing it has proved challenging and expensive, though Nuvve's V2G technology offers a way forward.

[Fluence expects to bring in more than \\$1B in revenue in 2022, touts potential of energy storage market](#)

In its first earnings call as a publicly-traded company, energy storage firm Fluence said it expects to bring in more than \$1 billion in revenue in fiscal year 2022 as governments and utilities ramp up their share of renewables.

[Li-Metal Advanced Anode Development Facility Becomes Operational](#)

These advanced anode materials will be produced at the Facility for evaluation and optimization, followed by initial industrialization at the roll-to-roll anode facility in Rochester, New York.

[East Lothian heat battery innovator pushes into US with breakthrough New York project](#)

Thermal storage systems developed by Sunamp in Scotland will be installed in residential and commercial buildings as part of the New York State Energy Research and Development Authority's NextGen Innovation Challenges award.

[Read More News Stories](#)



NY-BEST, along with the Alliance for Clean Energy New York, Sierra Club, Solar Energy Industry Association and 17 companies from our Policy Leadership Circle, submitted a [letter to NYS Governor Kathy Hochul](#) urging her to increase the State's energy storage goal to 6 GW by 2030 and direct the PSC and NYSEERDA to establish a new Roadmap and funding mechanisms for energy storage. Our recommendations build on the recommendations of the Power Generation Advisory Panel of the [Climate Action Council](#) which is charged with overseeing the implementation of the State's nation-leading Climate Leadership and Community Protection Act (CLCPA). Under the CLCPA, the State is required to achieve 70 percent renewable energy by 2030 and a zero-emission grid by 2040.

[Learn more about the Policy Leadership Circle](#)



### [U.S Department of Energy Announces \\$100 Million OPEN Funding Opportunity for Transformative Clean Energy Solutions](#)

DOE will also participate in the National Climate Task Force's Climate Innovation Working Group announced today by the White House. The working group will coordinate federal government-wide efforts to foster affordable, game-changing technologies that can help

America achieve the President's goal of net zero economy-wide emissions by 2050, and emphasize research to bolster and build domestic clean energy supply chains and strengthen American manufacturing.

Potential applicants can visit ARPA-E's newly launched OPEN 2021 website to access useful information and resources, including a teaming partner list for help forming new project teams and identifying potential collaborations, and webinars featuring Program Directors discussing technical areas they hope to pursue.

**Revised December2020-** Charge Ready NY (PON 3923) provides \$4,000 per installed electric vehicle (EV) charging port to applicants who purchase and install qualified Level 2 EV charging equipment. Equipment must be installed at New York State locations that provide public charging, workplace charging, or charging at a multi-unit dwelling (MUD). Public and private (both for-profit and not-for-profit) entities may participate in the Program. Applicants should be the owners of the EV charging equipment. Incentives are provided upon completion of the installation of EV charging equipment and the provision of appropriate documentation. Full program rules and procedures, a link to the program application, additional information about the program, and current lists of qualified EV charging equipment and network providers can be found at [nyseda.ny.gov/Charge-Ready-NY](https://nyseda.ny.gov/Charge-Ready-NY). **Revised Charge Ready NY-PON 3923**

**Applications Due-** December 31, 2021 by 3:00 p.m. ET or until the program runs out of funds, whichever comes first.

### **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

[Read More Funding Opportunities](#)

NY-BEST New York Battery and Energy Storage Technology Consortium

230 Washington Avenue Extension  
Suite 101  
Albany, NY 12203

P: 518.694.8474  
E: [info@ny-best.org](mailto:info@ny-best.org)

If you would like to unsubscribe: @@unsubscribe\_url@@