



## NEWSLETTER



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August 14, 2020

Last week's virtual Capture the Energy Conference and Annual Meeting was, by all accounts, a very productive and engaging set of presentations and discussions. I'd like to thank the many presenters, panel members and participants for their thoughtful commentary and insightful discussions. To all who attended, exhibited and sponsored-thank you. Hosting our first virtual event at the scale of our Annual Conference takes a team effort and it is a testament to the combined efforts of many that the event ran well and hit such high marks for content. And speaking of content...conference attendees currently have access to all recordings and presentations for all sessions over the 3 days of the conference. Simply log in to the site as you did last week to participate and click on the session(s) you'd like to revisit. Slides for each session are available in the documents section for each session.

I would like to welcome the new and returning members of the NY-BEST Board of Directors who were elected during the Annual Meeting last week. You can see the full board on [our website](#). This is an outstanding group of leaders from industry and research communities, and I am honored to have them as directors for NY-BEST.

NY-BEST is proud to support the [ESA Energy Storage Annual Conference & Expo](#) (#ESACon20). #ESACon20 will be held August 24-27, 2020. #ESACon20 offers interactive content from 11 AM to 5 PM (EDT)/8 AM to 2 PM (PDT) daily

Sincerely,

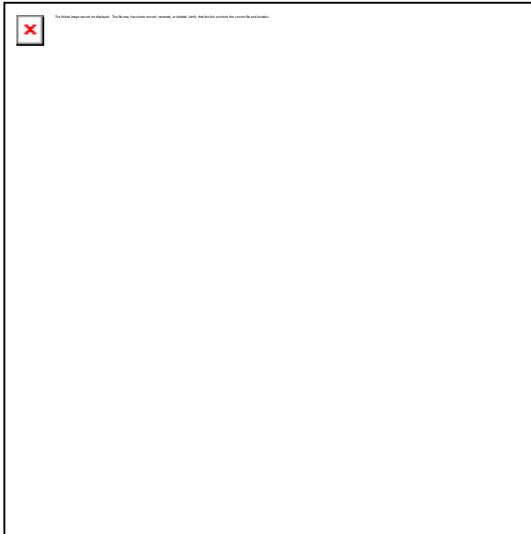


William P. Acker

Executive Director

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## UPCOMING EVENTS



### NY-BEST Energy Storage Technology Conference

Join us on October 1, 2020 at the  
DoubleTree by Hilton Binghamton,  
Binghamton, NY for our Annual Technology  
and Innovation Conference

[Read More](#)

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## MEMBER SPOTLIGHT



## Combined Energies

Combined Energies (CE) is a startup based in Latham, NY focused on commercializing revolutionary, wide band gap-based, power electronics for energy storage, distributed generation and electric vehicle markets.

[Read More](#)

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## 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 Yorkcooperative 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.

### THE SOLAR POWER AND BATTERY BACK-UP PROGRAM

Solar One has received U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant-Disaster Recovery (CDBG-DR) funding to implement The Solar Power and Battery Back-up Program for Community Facilities. The project is funded through the NY Rising Community Reconstruction Program of the Governor's Office of Storm Recovery (GOSR). This program will enable several non-profits community centers to generate solar energy throughout the year, maintain critical operations for emergency response and serve as a community power hub during severe weather events and grid outages.

### 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](#)

## **CURRENT NEWS**

NY-BEST Members

[\*Enel Reveals Plan to Add 1GW of Batteries to US Renewables Fleet by 2022\*](#)

Enel announced a dramatic scale-up of its U.S. energy storage ambitions on Tuesday, saying it will add 1 gigawatt of storage capacity to its renewables fleet by 2022.

[\*New York announces 4 GW renewables solicitation with 2.5 GW offshore wind\*](#)

New York is seeking 4,000 MW of renewable energy capacity, including 2,500 MW of offshore wind, in the largest-ever call for green energy in United States history.

[\*New York Announces Solicitations for Over 1,500 MW of On-Shore Renewable Energy: What's New and Noteworthy about the NYPA and NYSERDA Large Scale Renewables Procurements\*](#)

On July 21, 2020, the New York State Energy Research and Development Authority ("NYSERDA") launched its highly anticipated annual procurement of renewable energy credits ("RECs") from large-scale renewable ("LSR") energy projects. Simultaneously, the New York Power Authority ("NYPA") issued its own procurement for large-scale solar and wind projects, seeking both proposals for the sale of RECs alone or bundled energy, capacity and REC products.

[\*NextEra investing in hydrogen; rapidly expanding renewables, storage\*](#)

NextEra Energy executives are bullish about long-term opportunities for hydrogen to help achieve US decarbonization goals, along with associated market opportunities for the rapid development of renewable energy, the officials said July 24

[\*GM And EVgo Will Add 2,700 New Electric Vehicle Charging Stations Across the Country\*](#)

General Motors and EVgo plan to triple the size of the nation's largest public fast charging network by adding more than 2,700 new fast chargers over the next five years

[\*ChargePoint raises \\$127M as electric vehicle adoption grows among fleet operators\*](#)

Electric vehicle charging network ChargePoint raised \$127 million in funding in a bid to expand its platform for businesses and fleets in North America and Europe.

[\*UL certification 'proves' innovative battery platform can stop thermal runaway from propagating\*](#)

"Preventing a service event from becoming a catastrophic one," is how Cadenza Innovation CEO Christina Lampe Onnerud describes the way her company's lithium-ion 'Supercell' battery architecture reacts to thermal runaway.

[\*How New York Can Shut Down Far More Fossil Peakers\*](#)

Lithium-ion batteries only go so far, but Form Energy says long-duration storage can knock off most of New York's peak power plants.

[\*Overheard at NY-BEST's 10th Annual Meeting\*](#)

NY-BEST held its 10th annual conference as Tropical Storm Isaias battered New York City, discussing New York's energy storage deployment goals and developments.

[\*Independent DNV GL study gives high marks to Enel X Energy Storage Modeling Tool\*](#)

DNV GL found that Enel X's optimization methods are robust and well designed to anticipate an extensive range of scenarios and have industry-leading capabilities in optimization-based energy storage simulation.

[\*Sunrun Lands Contract for 20MW Backup Battery-Solar Project in Blackout-Prone California\*](#)

Under the terms of the deal, Sunrun will install up to 20 megawatts of solar-battery systems for about 6,000 homes served by CCAs East Bay Community Energy, Peninsula Clean Energy and Silicon Valley Clean Energy.

[\*SER Capital Partners Closes & Commits Fund to Battery Storage Assets Across New York City\*](#)

SER Capital Partners, LLC, a sustainable-investment focused private equity firm, acquired Microgrid Networks, LLC, a well-established advanced distributed power company, in June 2020 to install battery energy storage and solar in high demand, congested urban areas, such as New York City.

[\*Sodium-Ion Battery Company Natrion Partners with Binghamton University's Koffman Southern Tier Incubator\*](#)

Energy startup Natrion, a battery company formerly based in Urbana, Illinois, is excited to announce that it has moved its operations to Binghamton University's Koffman Southern Tier Incubator (KSTI), located in downtown Binghamton.

Beyond NY-BEST

[\*Guidehouse: Utility-scale energy storage industry 'blossoming' in several US states\*](#)

The market research provider's report shows California, New York, and Texas lead the top 10 US energy storage markets.

[\*Hybrid resources: FERC looking at America's 'next wave of opportunity' for storage\*](#)

The focus of a FERC technical conference, held on 23 July, was to look at enabling the pairing of energy storage with generation facilities - described as 'hybrid resources'.

[\*Greening The Grid: Resource Adequacy, Intermittency, & Carbon Pricing\*](#)

To green the grid, we must adopt a strategy of meeting our energy needs with low-cost renewable wind and solar resources. The obvious question is how to resolve the intermittency issue (what happens when the wind doesn't blow or the sun doesn't shine). Solving this problem is a necessary ingredient for "saving the planet."

[\*Solar One Launches Two Solar + Storage Opportunities for NYC Market\*](#)

Solar One's Resilient Solar Program is currently accepting bids from vendors interested in providing resilience during power outages, generating clean energy, and building lasting value on capital assets.

[\*Amid power outages, CEO of generator maker anticipates 'massive change' coming to the grid\*](#)

Aaron Jagdfeld, CEO of Generac, in an appearance on "Closing Bell" said new battery technology has opened the door for households and businesses to become energy independent from the traditional electric grid and break away from centralized systems.

[\*Q CELLS to acquire energy storage software company Geli\*](#)

Q CELLS has signed an agreement to acquire a 100% stake in San Francisco-based energy storage solutions company Growing Energy Labs Inc. (Geli). The transaction is subject to customary closing conditions, including regulatory approvals.

[\*EV battery maker Northvolt secures \\$3 billion in funding/debt\*](#)

Here are 10 recent stories that couldn't quite catch their own headline here on CleanTechnica but seemed worth highlighting.

[\*Making a business case for long duration energy storage, with Dr Imre Gyuk, DoE\*](#)

*Long duration energy storage is "essential" to help accelerate renewable deployment, according to the US Department of Energy's Dr Imre Gyuk, who moderates this panel discussion with Matt Harper from flow battery provider Invinity Energy Systems and Russ Weed from gravity energy storage company ARES.*

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