MESSAGE FROM EXECUTIVE DIRECTOR

November 11th, 2021

Many thanks to all who attended, exhibited, sponsored and otherwise participated in our Annual Fall Energy Storage Technology and Innovation Conference, held in late October in Binghamton. Special thanks to the terrific set of speakers for providing their insights and information. It was truly great to see so many people at one of our events in person for the first time in quite a while!

A team comprised of NY-BEST, NAATBatt International, and New Energy Nexus was recently selected by the US Department of Energy to lead a new, public-private partnership. Li-Bridge, as the partnership is called, is designed to bridge gaps in the domestic lithium battery supply chain and grow the energy storage manufacturing industry. The partnership will comprise industry, national labs, and numerous federal agencies through the Federal Consortium for Advanced Batteries, or FCAB. With a focus on bringing key stakeholders together to accelerate the development of a robust and secure domestic supply chain for lithium-based batteries, Li-Bridge marks the first collaboration of its kind in the US battery industry. Stay tuned for upcoming announcements on this exciting initiative.

I’d like to remind you of an upcoming event that you may find of interest. In partnership with Con Edison, NY-BEST will present Con Edison Virtual Energy Storage Day next Thursday, November 18 starting at 1:00PM Eastern. This informative and engaging 1/2 day event will provide updates on programs, needs and opportunities for energy storage from Con Edison, NYC, NYSERDA, the NY Green Bank and more. Attendees will have opportunities throughout the program to ask questions and interact with presenters. Click here to review the agenda and to register. Cost for the 1/2 day, virtual event is $75 for NY-BEST members and $150 for non-members.

Finally, I’m happy to announce that NY-BEST is growing and has posted a job opportunity. NY-BEST is seeking a highly motivated Program Manager to join our team of experts as we work to grow a clean energy economy and transform our electric grid and transportation systems into clean modern systems. The Program Manager will manage NY-BEST activities in a DOE-funded business accelerator, provide support, guidance and input for NY-BEST core programs
and initiatives, conduct market research, provide technical assistance, market insights and information, and guidance to companies to help them better understand the markets, opportunities, project economics, and pathways to growing energy storage companies and projects in New York state. You can read more about the position and apply if interested here.

Best regards,

William P. Acker
Executive Director

UPCOMING EVENTS

REGISTER TODAY
THURSDAY, NOVEMBER 18TH | 1-5PM EST
CON EDISON VIRTUAL ENERGY STORAGE DAY 2021

Click here to register!

MEMBER SPOTLIGHT
Cypress Creek Renewables develops, finances, owns, and operates large solar and energy storage projects across the US. Founded in 2014, we are a mission-driven company, and we are proud to be a part of our country’s energy transition.

MEMBER NEWS

Plus Power lines up financing for 565 MWh storage project
Plus Power said the financing serves as a “strong signal” of capital market support for standalone energy storage projects.

Convergent acquires 5 MW/20 MWh energy storage project in NYC
Convergent Energy + Power said it will acquire SMT Energy’s 5 MW/20 MWh battery energy storage opportunity on Staten Island, New York. The system would be connected to the ConEdison power grid as a distributed generation asset, and could come online in 2022.

Argonne announces Li-Bridge public-private partnership for domestic lithium battery supply chain
Private industry participation will be facilitated through an alliance with three US-based convener organizations: NAATBatt International, NY-BEST, and New Energy Nexus.

Battery recycling firm Li-Cycle nets $100 million investment
The investment, made through a convertible note, will support Toronto-based Li-Cycle’s expansion in North America, Europe and Asia.

DOE Announces $209 Million for Electric Vehicles Battery Research
DOE announced $209 million in funding for 26 new laboratory projects focusing on electric vehicles, advanced batteries and connected vehicles. Additionally, DOE’s Argonne National Laboratory announced the Li-Bridge, a new public-private partnership to bridge gaps in the domestic lithium battery supply chain

Wave of investment just the beginning for EV battery recycling
Within the last month, four lithium-ion battery recyclers saw a collective $255 million worth of investment and another one completed a merger.

American Battery Technology Company Receives $2 Million USABC Contract
Award for Demonstration of Integrated Lithium-Ion Battery Recycling Technologies
The Ithaca Common Council voted late Wednesday night to move forward with the city’s plan to electrify thousands of buildings in an effort to decarbonize by the end of the decade.

BEYOND MEMBER NEWS

Coalition Increasing Output of Electrolyzers to Produce Green Hydrogen
The Green Hydrogen Catapult (GHC), a coalition of industry leaders in developing the clean fuel, is upping its commitment to commission electrolyzers used to produce the gas from 25 GW to 45 GW by 2027.

How the infrastructure bill will fight climate change and advance clean energy
Utility and renewable energy trade groups heralded the bill's passage on Friday, saying it would help spur the shift towards emissions-free electricity through increased funding for transmission, hydrogen and electric vehicles (EVs).

Renewable energy’s role in economic recovery driving 1TWh of energy storage demand by 2030
Total demand for energy storage between this year and 2030 could be close to 1TWh worldwide, according to analysis from Wood Mackenzie Power & Renewables.

Global Storage set to Triple in 2021
Annual global energy storage deployments will nearly triple year-on-year, reaching 12GW by the end of 2021, according to analysis from Wood Mackenzie.

U.S. Loosens China Grip on $46 Billion Lithium-Battery Industry
The U.S. is narrowing the gap on China’s dominance of the $46 billion lithium-ion battery industry thanks to investments from Tesla Inc. and the Biden administration’s policy push to drive growth of electric vehicles.

Tour Volkswagen’s Impressive New Battery R&D Lab and Factory
The company says that this new battery design, which it designates its “unified cell,” cuts battery costs by 50 percent compared to existing technology.

COP26: The energy transition is here to stay and battery storage is essential to it
The forces behind the energy transition are expanding the market for new storage technologies. The global storage market is poised to increase by 23% by 2030.

Corporate funding into battery storage has exceeded US$11 billion so far this year
Companies in the battery storage sector attracted US$11.4 billion in corporate funding in the first nine months of 2021, a 363% rise on the same period of last year.

GM’s Battery Bet Shows Off Lithium-Metal Cell That Tops Rivals
SES Holdings Pte, a startup backed by General Motors Co., is unveiling a lithium-metal battery big enough to power a car, a sign the newcomer is pulling
ahead of rivals in its efforts to commercialize technology that could boost the range of electric vehicles.

FUNDING OPPORTUNITIES

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 December 2020 - 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 nyserda.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

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

If you would like to unsubscribe: @@unsubscribe_url@@