



NEW YORK BATTERY  
AND ENERGY STORAGE  
TECHNOLOGY CONSORTIUM

## NEWSLETTER

April 1, 2020

Let me start this message by sharing our thoughts and best wishes for the safety and good health of you and your loved ones. I sincerely hope that everyone is navigating this time of challenge as successfully as possible. The NY-BEST team is still hard at work—though from our respective homes—and stands ready to help you and your businesses during this unprecedented time of challenge.

As we all adjust to our "new normal", I wanted to share some timely news. NYSERDA released [guidance](#) yesterday that said it would pause in-person work with clean energy contractors 'in the residential, commercial and industrial sectors' until at least mid-April. The Guidance states that NYSERDA's energy storage program and NY-SUN program are pending review and the additional guidance will be forthcoming. In addition, as we've previously shared, Governor Cuomo has issued an Executive Order requiring that 100 percent of the non-essential workforce must work remotely and ESD has issued [guidance](#) on what constitutes "essential business". NY-BEST has had discussions with NYSERDA and expect that additional information will be forthcoming soon—with the caveat that the situation is in flux. Rest assured that we will communicate additional details as soon as they become available.

I hope you will join our webinar today at 1:00PM Eastern [Capture the Energy Preview: New York's Markets and Policies for Energy Storage](#). Participants will hear about latest developments in the State from key leaders from NYSERDA, the New York State Department of Public Service and the NYISO. Registration is free for registered attendees for Capture the Energy 2020. [Additional information and registration can be found here.](#)

Today's webinar is the first of what we plan to be a number of distance learning/educational offerings from NY-BEST to stay connected in a socially-distanced world. We have a number of sessions in development

and will be sending out the details soon. If you have thoughts or ideas on specific sessions/topics that you would like us to address, please feel free to reach out to us at [info@ny-best.org](mailto:info@ny-best.org) We'd love to hear from you.

Finally, I'd like to offer NY-BEST's thanks to all those in health care professions, first responders, public safety officials and countless other who deserve our praise and gratitude for their selfless efforts during this time of crisis. I'd also like to recognize and thank the many, many personnel at utilities across the State who are giving their all to keep our electric grid up and operational—often at great personal cost. By way of example, CEO Gil Quiniones of the New York Power Authority recently announced they are moving to isolate 85 critical employees at power plant and control room sites across the state to ensure the lights stay on. In Quiniones words, "It's a crisis and we need the electricity to be flowing. We're like the oxygen of society. Without it, the hospitals are not going to work, the respirators are not going to work."

Best Regards,



William Acker  
Executive Director



## Upcoming Events

### Capture the Energy Preview: New York's Markets and Policies for Energy Storage

Apr 1 1:00 pm - 2:30 pm

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### NY-BEST Capture the Energy Pre-Conference Workshop

Aug 4 1:30 pm - 5:00 pm

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## 10th Annual Capture the Energy Conference & Expo

Aug 5 7:45 am - Aug 6 2:30 pm

### Member Spotlight: TRC



TRC is an energy industry pacesetter and pioneer. Our teams have steered U.S. breakthroughs in renewable energy development, end-user energy management and environmental protection since the 1970s. We plan, permit, engineer and construct utility-scale solar energy projects with developers, utilities...

### Latest News

*The Latest News From The Battery And Energy Storage Industry*

### Funding Opportunities

NY-BEST members received information in this newsletter about upcoming funding opportunities. Becoming a member is easy and economical. Visit <http://www.ny-best.org/Join> for more information.

If your organization is a NY-BEST member, [simply login](#) to access all funding opportunities.

No account? Click "Create New Account" from the [login page](#).

### NY-BEST Member News

#### [NextEra's secret recipe for energy storage: Planning](#)

NextEra Energy, North America's leading wind and solar generator, is adopting an aggressive approach on the falling cost of energy storage by evaluating the addition of batteries to its existing solar facilities.

[\*New York allocates 1 GW of solar as renewables auction delivers \\$18.59/MWh average price\*](#)

Some 21 large scale clean energy projects with 1,278 MW of new capacity have been awarded, with 17 of the projects supplying 1,090 MW of solar.

[\*Li-Cycle delivers first batch of recycled battery materials\*](#)

Canada's Li-Cycle recycling company announces that it has completed its first commercial shipment of recycled battery materials. The firm says it can recover over 80 per cent of the elements found in lithium-ion batteries.

[\*New York sets aside electric bus subsidies\*](#)

Government agencies in the US state of New York are providing more than 24 million dollars from the Diesel-Gate Volkswagen funding pot to help operators to replace diesel-powered vehicles with new battery-electric buses.

[\*Tesla CEO Elon Musk vows to make ventilators at Buffalo plant\*](#)

New York invested \$750 million to help build a solar-panel plant in Buffalo. Now the plant might prove helpful in the fight against coronavirus.

[\*NYSERDA announces 21 renewables projects to boost affordable energy\*](#)

New York governor Andrew M. Cuomo has unveiled the details of the awards for 21 large-scale solar, wind, and energy storage projects across upstate New York, totalling 1,278MW of new renewable capacity.

[\*New York to host second 15-hour duration zinc battery energy storage system\*](#)

Start-up Zinc8 Energy Solutions has made a deal to deploy a 100kW/1.5MWh zinc-air battery energy storage system in New York City, with financial support to come from NYSERDA.

[\*New York City peaker rule compliance filings show mixed approach to tighter emissions rules\*](#)

All of the 543-MW Ravenswood Generating Station's seventeen simple-cycle combustion turbines located in New York City will be shut down and retired prior to the May 1, 2023, peaker rule compliance date.

[\*More NY-BEST Member News Online\*](#) | [\*Back To Top\*](#)



[\*COVID-19: Solar and storage installs considered 'essential services' in locked-down California\*](#)

Installing and maintaining renewable energy resources can be viewed as an “essential service”, according to the California Solar + Storage Association (CALSSA)

[\*A New Battery Breakthrough That Could Save Electric Vehicles During a Recession\*](#)

A little-noticed breakthrough in automotive batteries has shaken up China's EV market, and now is about to arrive in the United States, where GM and VW already have their hands on it.

[\*Electric car emissions myth 'busted'\*](#)

Fears that electric cars could actually increase carbon emissions are a damaging myth, new research shows.

[\*Energy storage roundup: If solar development was checkers, then storage is three-dimensional chess\*](#)

Storage is complicated, and a new study of the value of energy storage explains some patterns in storage adoption and deployment

[\*Sonnen: Latest German VPP's use of blockchain 'proves energy storage can solve grid congestion'\*](#)

Blockchain technology and a digital trading platform is enabling sonnen's latest virtual power plant (VPP) project in northeast Germany to store wind energy that would otherwise be curtailed and 'lost'.

[\*New Road Map to a US Hydrogen Economy\*](#)

The Road Map stresses the versatility of hydrogen as an enabler of the renewable energy system; an energy vector that can be transported and stored; and a fuel for the transportation sector, heating of buildings and providing heat and feedstock to industry.

[\*Faster than filling up with gas': These ultracapacitors will change electric cars, says startup\*](#)

Skeleton Technologies says in 3 to 5 years its ultracapacitors can provide the range for an average daily EV drive.

[\*Companies Report a Rush of Electric Vehicle Battery Advances\*](#)

Advances in anodes, cathodes, and electrolytes suggest tomorrow's EV power train may be quite different from today's

[\*Lead batteries make innovation push to better compete for energy storage projects\*](#)

The Consortium for Battery Innovation is requesting bids for research projects from

universities, companies and other institutions into ways to increase the efficiency of lead batteries to make them a more economic storage technology that can back up renewable energy and provide demand response.

Future VW Electric Vehicles Will Send Power Back to the Grid

The chief strategist at Volkswagen says vehicle-to-grid technology will open up new business opportunities for the automaker.

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This email is provided as a service to members and interested parties of the New York Battery and Energy Storage Technology Consortium. NY-BEST is an industry-led coalition working to build a vibrant, world-class, advanced battery and energy storage sector in New York State.