



## Removing Barriers and Creating Opportunity for Renewables and Energy Storage

### Improving Resiliency and Reducing GHG Emissions Through a Renewable Rich Grid

#### Investment Thesis

New York State is committed to generate 70% of its electricity through renewables and achieve a 40% reduction in GHG emissions by 2030. To accelerate market adoption of renewables, NYSERDA is investing in solutions and approaches that will yield better performance, reduced costs, greater renewables hosting capacity, and improved integration with the grid.

#### NYSERDA Experience

The Renewable Optimization and Energy Storage Innovation Program has enabled the development of 100+ solutions, millions of dollars of NYSERDA investment, which has yielded hundreds of millions in follow-on investments and dozens of commercialized products to date.

NYSERDA has experience successfully funding solutions that address performance and market barriers such as intermittent availability, low capacity factors, operations and maintenance requirements, high system lifecycle costs, and integration and hosting challenges.

#### Areas of Interest

**Energy Storage and Product Development**

**Renewable and Distributed Energy Resources (DER) Innovation**

**National Offshore Wind R&D Consortium**

**New York Power Electronics Manufacturing Consortium**

**When you innovate in New York, you get the world.**

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#### NYSERDA Innovation Perspective

*“Energy storage is the real game changer that will help us unlock the full potential of renewable sources to serve as baseload generation.”*

— **Scott Egbert,**  
Program Manager

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**NYSERDA**