



REMOVING BARRIERS AND CREATING OPPORTUNITY FOR RENEWABLES AND ENERGY STORAGE

IMPROVING RESILIENCY AND REDUCING GHG EMISSIONS THROUGH A RENEWABLES RICH GRID

INVESTMENT THESIS

New York State is committed to generate 50% 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 126 solutions with over \$97 million of NYSERDA investment, which has yielded \$643 million in follow-on investments and 21 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: Develop innovative storage systems that reduce hardware costs, improve performance, and reduce soft costs in three sectors: customer-sited, transmission and distribution, and transportation.

Renewable and Distributed Energy Resources (DER) Innovation: Drive technical advancements to improve the economic viability of renewables and DER, and maximize integration potential and renewables hosting capacity through product development and demonstration.

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** (Contact: scott.egbert@nyserda.ny.gov)

Learn more: nyserda.ny.gov/innovation



NYSERDA