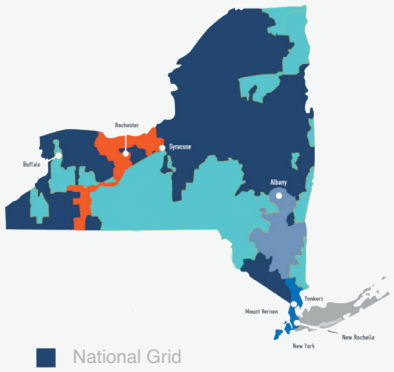
Maximizing Battery Storage Revenue in New York

Capturing VDER's Value Stack with Stem

New York named energy storage as central to its clean energy strategy in 2018 and has been among the most robust U.S. storage markets ever since. It is also one of the most complicated. The state's Value of Distributed Energy Resources (VDER) tariff compensates solar, storage, and other resources based on when and where they provide electricity to the grid, making project economics highly location dependent. Deployment incentives, while generous, are constantly changing, and important questions linger around wholesale market participation. And while New York is one of the few markets favorable to standalone energy storage, returns depend entirely on discharging during the year's highest peak demand hour. As an expert on the New York market and the global leader in intelligent energy storage systems, Stem works hand-in-hand with developers to identify and design the most promising projects, navigate complex application processes, and maximize project returns.

Location



'Future-Proofing' with Stem

Stem delivers advanced solutions for large-scale energy storage projects, including storage paired with renewables and standalone projects. With project economics hinging on multiple VDER value streams and important rules on "dual participation" in wholesale and retail markets still to emerge, you need an adaptable, proven solution. Stem's Athena® platform operates artificial intelligence (AI) software operates the world's largest energy storage network and has more optimization and market participation experience than any other storage software. Athena maximizes value for project developers via industry-leading forecasting, optimization, and controls and ensures access to the highest-value revenue streams as regulations and energy markets evolve.

Project Highlights

BQ Energy

Mt. Kisco, NY

Facility Type: FTM Solar + Storage

Storage System Size: 522 kW / 2.1 MWh

DSD

Rotterdam, NY

Facility Type: FTM Solar + Storage

Storage System Size: 2.5 MW / 10 MWh

NineDot Energy

Staten Island, NY

Facility Type: FTM Standalone Storage

Total Capacity: 6 sites totaling 110 MWh

To learn more about Stem's solutions for the New York market, visit stem.com/new-york-vder.

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