

Maximize Portfolio Value with Storage

Add flexibility to your PV assets with a smart storage strategy and take advantage of incentives and rising energy prices.

Storage has become a critical lever for unlocking greater value from clean energy projects, particularly solar. By enabling enhanced revenue stacking, curtailment mitigation, and solar time-shifting for hybrid projects, storage is positioned as a strategic asset for maximizing value and performance. As solar faces significant obstacles, such as those introduced by The One Big Beautiful Bill Act (OBBBA), storage remains fully incentivized and continues to offer developers and asset owners a powerful tool to capture value and improve flexibility in today's high-demand energy market.

As the market leader in the intelligent energy storage systems market, Stem has been at the forefront of innovation in the region. We currently manage hundreds of behind and front of the meter sites across a variety of use cases ranging from wholesale market participation to dispatching into specific programs.

The Benefits of Adding Storage

Retrofit Flexibility Across Existing Assets

Add storage to existing PV sites without reworking core infrastructure or disrupting current offtake agreements.

Improve Economics of Hybrid Projects

Enhance project returns by enabling solar time-shifting, reducing curtailment, and retaining access to the full storage ITC and accelerated depreciation.

Revenue Stacking

Capture value from wholesale markets and incentive programs beyond fixed solar export revenues to enhance project economics.

Utility Bill Savings

Reduce demand charges and shift load away from peak TOU pricing to generate consistent savings for C&I and municipal customers.

Grid Services and Market Participation

Unlock access to demand response and flexible capacity opportunities as energy demand surges, driven by rapid datacenter expansion and regional load growth.

Energy Arbitrage in a Rising Price Environment

Store low-cost energy during off-peak periods and discharge when prices spike, in a hyper-demand environment driven by OBBBA and surging consumption.

About Stem

With over 15 years of hands-on experience in the clean energy sector, Stem goes beyond traditional consulting. We are active market participants, managing thousands of projects and leveraging real-world data to provide actionable insights. Our unique blend of operational expertise, strong industry relationships, and deep understanding of asset performance allows us to deliver tailored, data-driven strategies that drive success. Whether optimizing revenue, navigating regulatory challenges, or enhancing grid reliability, Stem's approach is rooted in both market reality and financial expertise, ensuring your projects are strategically positioned for long-term growth.

Credibility

Proven track record from managing thousands of real-world energy projects.

Coverage

Comprehensive services across every stage of the asset lifecycle.

Insight

Market expertise that drives grid-ready, revenue-focused decisions.

Project Highlights



Syncarpha Capital
Blandford, MA

Facility Type: FTM Community Solar
Solutions: Solar + Storage, SMART Program Optimization
Size: 5MW PV + 4MW / 8MWh ESS



Stockmans
San Bernadino County, CA

Facility Type: Wastewater Treatment Plant
Solutions: Energy Storage, Utility Bill Optimization, Backup Power
Size: 464kW / 1856 kWh



Altus Power
New Marlborough, MA

Facility Type: FTM Community Solar
Solutions: Solar + Storage, SMART Program and Clean Peaks Optimization, Wholesale Market Participation
Size: 2.9MW PV + 1MW / 2MWh ESS

To learn more about maximixing your portfolio value with storage, visit stem.com/contact-us or contact sales@stem.com.

