



stem

Sustainability

Demonstrate Leadership with AI-driven Energy Storage

Energy storage offers a strong value proposition for sustainability-minded companies. It maximizes the value of solar generation and can reduce emissions from both backup diesel generation and grid-supplied electricity. It delivers automated, “set-and-forget” savings that can support other sustainability initiatives. And, it provides tangible evidence of sustainability leadership.



Industry-Leading Expertise for Adaptive, Intelligent Sustainability Strategies

In the transition to a smarter, cleaner energy system, energy storage has a crucial role to play – in integrating renewable energy, stabilizing the grid, and networking distributed energy resources (DERs). Founded in 2009, Stem pioneered intelligent energy storage in North America and now operates the world's largest digitally connected energy storage network. Athena™, Stem's best-in-class smart energy software, integrates, operates, and maximizes value from diverse energy assets, including energy storage, solar PV, and electric vehicles (EVs). With unparalleled expertise in the adaptive energy infrastructure powering the 21st century, Stem works with large Fortune 500 companies and commercial and industrial customers to identify energy savings opportunities and enhance sustainability strategies. Stem's energy storage systems also help solar developers, independent power producers, and utilities enhance clean energy offerings and maximize value from renewable projects.

Sustainability Services

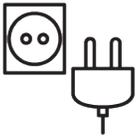
- Energy Use Modeling & Analysis
- Renewables & Storage Integration
- DER Deployment & Asset Management
- Incentive Management
- Sustainability Data Management & Reporting
- Emissions Measurement & Reporting

Demonstrate Sustainability Leadership with Stem's AI-driven Energy Storage



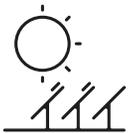
Support Greenhouse Gas Reductions and Grid Transformation

The grid's dirtiest generators run when demand – and energy prices – are highest. By charging when electricity is cheaper (and cleaner) and discharging when it's more expensive (and dirtier), energy storage can reduce the emissions intensity of delivered electricity while saving customers money. Energy storage is also essential to achieving high levels of renewable energy on the grid, since without the ability to store clean energy when it's generated and dispatch it when it's needed, large amounts of solar and wind generation would be curtailed.



Build Energy Resilience

Power outages from heat waves, wildfires, and other climate-related extreme weather continue to take a toll on U.S. businesses – a trend that's exacerbated by our aging grid infrastructure. Energy storage can provide fast-response backup power with no GHG emissions. It also pairs easily with solar for longer-duration clean backup, reducing or eliminating diesel generator emissions.



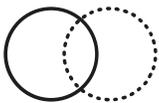
Enhance Renewable Assets

Energy storage also enhances the value of renewable investments – turning solar and wind into flexible, adaptive resources and maximizing ROI. And by enabling you to use solar power even when solar PV isn't actively generating, energy storage can reduce overall reliance on fossil fuels and support sustainability goals. Pair energy storage with onsite solar to increase solar consumption and reduce demand peaks; pair it with offsite solar to maximize project returns and facilitate wholesale market participation.



Differentiate Your Brand with Sustainable Leadership

Increasingly, investors and consumers alike are seeking brands that are actively showing their sustainability leadership by reducing carbon emissions, adopting renewable energy, and stewarding the environment. Stem works with dozens of Fortune 500 companies whose energy storage systems support their corporate sustainability goals.



Align with Energy Policy Trends

Climate concerns and renewables deployment are transforming the energy landscape. Athena integrates with third-party entities for key inputs and automated dispatch so your storage system automatically adapts to developments in the broader energy ecosystem.

Project Spotlights



Logistics Company

Storage System
220kW / 880kWh

Configuration
Standalone storage

Impact
Supports GHG and renewables goals and integrates electric vehicle (EV) infrastructure



Real Estate Company

Storage System
2.1MW / 3.7MWh

Configuration
Standalone storage

Impact
Avoids dirtiest electricity and provides flexible capacity to the utility



College Campus

Storage System
1.2MW / 2.4MWh

Configuration
Solar plus storage with backup

Impact
Enables sustainability goals and avoids power outages



About Stem

Stem provides solutions that address the challenges of today's dynamic energy market.

By combining advanced energy storage solutions with Athena™, a world-class artificial intelligence (AI)-powered analytics platform, Stem maximizes the value of flexible energy assets to optimize customer benefit. Stem's solutions help enterprise customers benefit from clean, adaptive energy infrastructure and achieve a wide variety of goals, including expense reduction, resilience, sustainability, environmental and corporate responsibility and innovation. Stem also offers full support for solar partners interested in adding storage to standalone, community or commercial solar projects—both behind and in front of the meter.

For more information, visit www.stem.com

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