

Energy Services

Comprehensive support throughout your energy project lifecycle

The Opportunity

The evolving clean energy landscape presents increasing complexity, from navigating regulatory changes and securing interconnection to managing project development and optimizing long-term asset performance. For those who anticipate these challenges and take a proactive, informed approach, this complexity becomes an opportunity to reduce risk, increase efficiency, and enhance the value and resilience of their energy projects. By engaging early and adapting through every phase, project teams can unlock new pathways to success and position themselves to capitalize on emerging market and technology trends. Our team of experts offers a comprehensive suite of Energy Services designed to maximize the long-term performance and profitability of your energy storage and solar projects.

Benefits

Reduced Risk

Proactive planning, rigorous engineering, and expert interconnection support help keep projects on track from initial design to commissioning.

Increased Efficiency

Minimize surprises and inefficiencies by coordinating equipment selection, supplier relations, and testing to ensure smooth deployment.

Clarity

Navigate regulatory, market, and technical complexities early with clear insights that support informed decisions throughout your project lifecycle.

Maximized Performance

Continuously enhance asset performance and returns through real-time monitoring, trading strategy development, and responsive operations support.

Optimized Financial Structuring

Leverage tailored financial modeling, capital strategy, and market participation advice to improve project bankability and maximize revenue streams.

Stem's Energy Services assist customers with questions like:

- Which project locations make the most sense?
- What is my expected project revenue?
- How can I implement a performance guarantee?
- Are my assets performing as they should be?
- How can I take advantage of all available economic opportunities?
- What is the optimal project size, configuration, and hardware?
- How can I maximize asset earnings given market conditions, trends, and constraints?
- What are the benchmark performance impacts of different bidding strategies?

The Offerings

Development & Engineering

Establish a strong foundation with design, feasibility, and interconnection support.

- Feasibility & preliminary design
- Site planning & project budgeting
- Owner's engineering
- Interconnection application support

Performance & Operation

Maximize post-COD value with market optimization, active operations, and performance insights.

- Trading strategy & bid optimization
- Program management & market scheduling
- 24/7 Remote Operations Center (ROC)
- Performance monitoring & custom reporting

Finance & Origination

Strengthen project economics and streamline deals with capital advisory, modeling, and transaction support.

- Financial modeling & due diligence
- Development capital consulting
- Buy- and sell-side advisory
- Capital stack & risk analysis

Power Markets

Unlock value with strategic insights into energy markets, revenue potential, and portfolio optimization.

- Market intelligence & fundamentals
- Revenue modeling & asset valuation
- Market participation strategy
- Portfolio planning & investment strategy

Procurement & Integration

Ensure timely and efficient execution through strategic sourcing, system integration, and supplier coordination.

- Procurement strategy & technology assessments
- Energy storage system (ESS) design & integration
- Commissioning support & testing
- Supplier management & logistics

Policy & Regulatory

Capitalize on incentives and navigate policy risk with expert guidance through evolving federal and state policy landscapes.

- Federal & state policy regulatory landscape insights
- Incentive and permitting strategy
- Emerging policy trends & regulatory developments
- Custom policy analysis (IRA, NEPA, 1260H, etc.)

Why 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.



800+ Site

Assets Under Management



1.5 GWh+

BESS Capacity Unlocked



Largest VPP

Operator in North America



25K+

Issues Resolved by
the ROC Team Annually

To learn more about Energy Services, visit stem.com/contact-us or contact sales@stem.com.

