



# Managed Services

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Simplify Battery Storage Deployment and  
Operations with Expert Support



# The Opportunity

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The clean energy sector's growing complexity requires specialized expertise to maximize energy storage performance and returns. Our Managed Services team transforms these operational challenges into competitive advantages, providing end-to-end support from procurement through optimization to ensure reliable operations, regulatory compliance, and revenue generation throughout your asset's lifecycle.

## The Benefits

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### Maximize Asset Value:

Ensure optimal performance and maximize revenue potential through comprehensive full lifecycle asset management and smart market participation strategies.

### Accelerate Timelines:

Streamline deployment processes to accelerate commercial operation and revenue generation.

### Ensure Readiness:

Guarantee systems are fully operational and compliant before commercial operation through expert commissioning.

### Reduce Downtime:

Minimize operation disruptions and extend asset life through 24/7 monitoring and proactive maintenance coordination.

### Simplify Operations:

Eliminate coordination complexity across multiple vendors with a single services partner and standardize the development process with proven processes.

## PowerTrack Optimizer

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PowerTrack Optimizer is a set of intelligent software tools that power Stem's Managed Services. By combining forecasting, dispatch, and financial optimization in one platform, it provides the foundation for reliable system operations and informed decision-making. The Optimizer uses advanced analytics, predictive modeling, and real-time monitoring to give our experts the insights needed to manage storage and hybrid systems across diverse markets and applications. This software-driven approach ensures assets perform consistently, capture multiple value streams, and deliver long-term operational stability.



# The Offerings

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**Integrated Storage Solutions:** Establish the right foundation and accelerate success with a single partner who delivers fully integrated, end-to-end energy storage solutions.

- System Design
- Equipment Procurement
- Seamless Integration
- Project Management
- Commissioning & Operations

**Project Deployments:** Ensure operational readiness through comprehensive testing and system integration.

- Interconnection & Permitting
- Construction Oversight
- Stakeholder & Vendor Management
- Testing & Commissioning
- Issue Resolution

**Remote Operating Center (ROC):** Maintain peak performance with continuous monitoring and proactive maintenance coordination.

- 24/7 Monitoring
- Real-time Diagnostics
- Proactive Maintenance Coordination
- Multi-OEM Expertise
- Performance Optimization

**Energy Optimization:** Maximize returns and capture multiple value streams with expert management of storage operations, market participation, and utility programs.

- Wholesale Market Participation & Utility Bill Optimization
- Incentive and Demand Response Program Management
- Tariff & Peak Management
- Forecasting & Scheduling
- Grid Services

# Why Stem?

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We've pioneered **custom optimization programs** that maximize the value of energy storage, whether developing new projects or enhancing assets already in operation. From California to New York, tailored strategies have delivered proven results where one-size-fits-all approaches fall short. With deep market expertise and over a decade of operational experience, our team supports the entire project lifecycle: design, procure, commission, operate, and optimize, giving asset owners confidence and results that last.

## Credibility

Backed by 15+ years of experience and thousands of successfully managed clean energy projects, Stem delivers results rooted in real-world performance.

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## Coverage

From design and deployment to operations and market participation, we simplify complexity with end-to-end expertise.

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## Insight

Our unmatched knowledge of markets and operations provides clarity in a fast-changing energy landscape, enabling grid-ready, revenue-focused decisions.

# 800+

**assets under management**

# 1.5+ GWh

**BESS Capacity Unlocked**

**Stem is North America's**

# largest

**VPP operator**

# 25k+

**yearly issues resolved by Stem's  
ROC team via support requests**



# Project Spotlights



**Southern California Edison**  
Rosemead, California

**Facility Type:**  
ESS Virtual Power Plant (VPP)

**Solutions:**  
Strategic Dispatch into the Local Capacity Requirements (LCR) Program

**Aggregated VPP Capacity:**  
+450 MWh



**NineDot Energy**  
Brooklyn, New York

**Facility Type:**  
FTM Standalone Storage

**Solutions:**  
Equipment Procurement, VDER Optimization

**Project Size:**  
110 MWh ESS



**Altus Power**  
Stamford, Connecticut

**Facility Type:**  
FTM Community Solar

**Solutions:**  
Solar + Storage, SMART Program and Clean Peaks Optimization, Wholesale Market Participation

**Project Size:**  
2.9 MW PV + 1MW / 2MWh ESS

