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Commercial EV Charging

Leverage Al-driven Energy Storage for Smart Charging

Battery energy storage pairs easily with EVs to help a range of customers scale and integrate their transportation electrification strategies. For businesses, smart charging with energy storage can manage costs and electrical loads, while helping future-proof facilities against expensive upgrades. For utilities, batteries can be a cost-effective solution for meeting new EV charging loads. And smart storage can give technology providers a differentiated, turnkey offering in combination with charging stations and networks.



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Leverage Stem's Expertise to Develop Your EV Strategy

With significant initiatives already underway in the U.S., China and Europe, the shift to EVs has clearly begun. A global infrastructure transformation is underway that will fundamentally change how companies refuel and manage vehicle fleets. While operations and electrical loads may be unaffected now, companies should proactively plan for change.

With energy storage poised to play a unique role as "smart integrator" of diverse energy assets including commercial EVs and charging infrastructure, Stem is uniquely positioned to help customers navigate the transition to electrified commercial vehicle fleets. Founded in 2009, Stem pioneered intelligent energy storage in North America and now operates the world's largest digitally connected energy storage fleet. Battery energy storage will be a key part of the solution that enables customers and the grid to get the most benefit from EVs while minimizing integration costs and challenges.

Commercial EV Charging Services

- · Tariff Assessment
- · Economic Modeling & Analysis
- · TOU Energy Arbitrage
- · Demand Charge Management
- · Performance Reporting
- · Performance Guarantees

Groundbreaking Experience and High-caliber Partners

An upcoming Stem project with a leading transportation logistics provider will be among the first EV smart charging projects in California to help businesses realize cost savings from fleet electrification while preparing for California's EV mandate and reducing emissions under the Self-Generation Incentive Program (SGIP). The project is funded by the California Air Resources Board (CARB) and includes three Fortune 500 partners.

Unparalleled Insight into Monetizing Transformative Energy Technologies

Stem has developed unparalleled insight into monetizing distributed clean energy assets – from our granular understanding of relevant policies, incentives, and utility tariffs; to modeling, designing, and installing any viable combination of assets in combination with energy storage; to continuously improving our Athena[™] software.

Best-in-class Smart Energy Software

Stem's Athena AI has been operating the world's largest energy storage network for over a decade. Athena analyzes thousands of data points according to Stem's proprietary and always-improving algorithm to optimize energy assets, including EVs, subject to a range of dynamic constraints. In 2020, Athena exceeded customer savings guarantees by 51%.

A Seamless Service Experience

Stem has a robust team of account managers supported by market analysts, policy experts, data scientists, Athena specialists, customer representatives, and operations staff. With Stem, you partner with an expert team and benefit from insights across our entire portfolio.

Support Across the Project Lifecycle

Customers can engage with Stem's team during any stage, from early project evaluation all the way through postdeployment. Our entire lifecycle support model is flexible, and our team has the expertise to make your storage and distributed energy investments successful for the long term.



Project Spotlights



Logistics and Delivery Company

Storage System 220kW /880kWh

Configuration Standalone storage

Impact

Supports industry-leading EV and sustainability goals while realizing \$250K in lifetime savings



Transportation Logistics Provider

Storage System 350kW / 800kWh

Configuration Standalone storage

Impact Turnkey pilot project informs company's future EV fleetwide charging strategy





About Stem

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

By combining advanced energy storage solutions with Athena[™] AI, a world-class artificial intelligence (AI)-powered analytics platform, Stem enables customers and partners to optimize energy use by automatically switching between battery power, onsite generation and grid power. 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

