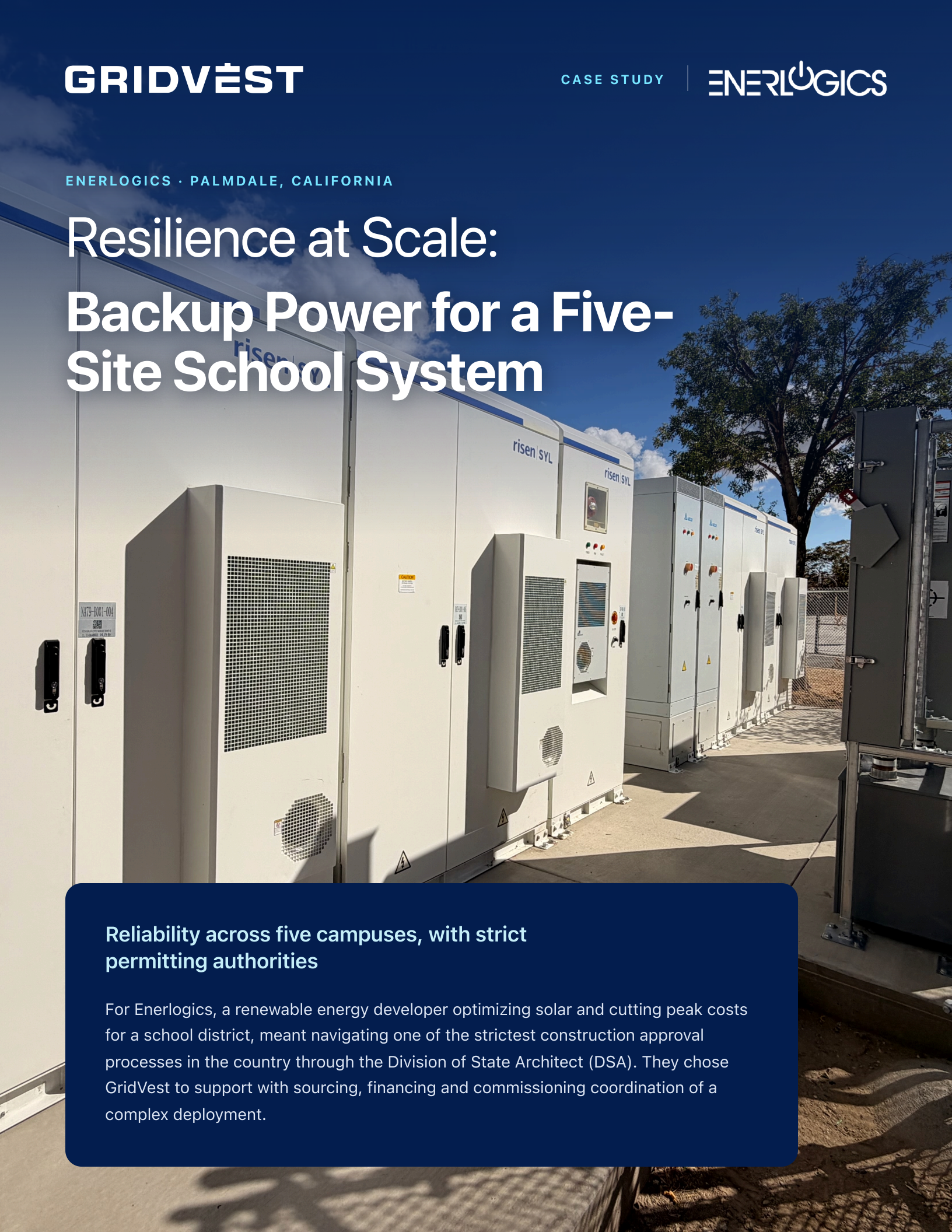
GRIDVEST

CASE STUDY | ENERLOGICS

ENERLOGICS · PALMDALE, CALIFORNIA

Resilience at Scale:

Backup Power for a Five-Site School System



Reliability across five campuses, with strict permitting authorities

For Enerlogics, a renewable energy developer optimizing solar and cutting peak costs for a school district, meant navigating one of the strictest construction approval processes in the country through the Division of State Architect (DSA). They chose GridVest to support with sourcing, financing and commissioning coordination of a complex deployment.

EXECUTIVE SUMMARY

Enerlogics was contracted to deploy battery storage across five school campuses in a California public school district, under one of the strictest K-12 permitting authorities in the country. GridVest was brought on to source the key technology components.

Core challenge: Strict state permitting requirements, an EPC installing its first battery storage project, and capital tied to the district's own payment milestones across five simultaneous sites. Additionally, significant funding of the project was tied to the CA Self Generation Incentive Program (SGIP) with specific milestones, technical requirements, and an approved performance data provider.

Additional challenges: In the middle of the state permitting process, the manufacturer changed the sizing of their ESS (energy storage system) specifications, which resulted in additional redesign and delays. Additionally, the planned EMS vendor became insolvent, causing a late stage change of providers. Because the sites were not ready when the batteries were delivered, the batteries had to be stored in a warehouse until installation could begin.

Approach: GridVest stepped in to support Enerlogics in sourcing and optimizing the equipment configuration, structuring payment terms around the district's disbursement schedule, and coordinating logistics and commissioning across all five sites. GridVest was the primary liaison with the battery and inverter manufacturers throughout.

Outcome: Zero rejected permitting submissions, no schedule slippage, and just-in-time battery delivery as each concrete pad was ready, so no equipment sat exposed in the desert heat. The result is a fully commissioned deployment delivering peak shaving and backup resiliency.

GRIDVEST'S ROLE AT EACH STAGE

● Mid-project disruption absorbed

1 Design
Optimized layout for DSA spacing rules and integrated EMS input

2 Permitting
Reviewed DSA documentation and answered technical questions

ESS RESIZED

3 Sourcing
Sourced battery, inverter and EMS components

4 Logistics
Warehoused batteries domestically until sites were ready

5 Commissioning
Coordinated EPC, manufacturer and EMS; field troubleshooting

EMS VENDOR SWITCH

FINANCING · THROUGHOUT — Payments tied to the district's disbursement milestones, from delivery through post-commissioning

PROJECT SNAPSHOT

Application	Cost savings and resiliency | K-12 school campuses
System size	250 kW / 1,146 kWh (2 sites); 250 kW / 860 kWh (3 sites)
Battery	Risen (SYL) integrated battery with CATL cells
Inverter	Delta 125HV
EMS	EnergyBoom Site Controller
Sites	5 simultaneous deployments
AHJ	California Division of State Architect (DSA)
Payment structure	Milestone-based, structured around delivery and post-commissioning

Five campuses, one of the country's strictest permitting authorities

All five school campuses had existing solar, but the District and its consultants wanted to shift the energy use profile with energy storage. The goal was to charge batteries during the day and discharge through the 4-9 p.m. window, when Southern California's load drives peak pricing – effectively pairing peak load management and arbitrage to optimize cost savings for the District.

Further, the District wanted to sustain backup power capabilities that could let campuses' critical loads function during outages or natural disasters.

Enerlogics had already sketched out a system design by the time they brought GridVest on. What they needed was a partner who could optimize that design, secure the equipment on workable financial terms, and partner with the selected EPC to deploy in an active school zone.

ABOUT ENERLOGICS

ENERLOGICS

Enerlogics Networks, Inc. is a developer of solar, energy storage, EV charging, and microgrid solutions for commercial, industrial, governmental, and educational customers across the US. As a pure-play developer, Enerlogics rightsizes distributed energy solutions — from feasibility analysis through design, construction, and financing — to help facilities cut costs, meet sustainability goals, and prepare for an electrified future. Enerlogics has delivered a variety of solar-plus-storage rollouts, with a track record of navigating public-sector incentive programs and complex facility requirements for both public and private sector facilities.

CHALLENGES

Permitting complexity

The California Division of State Architect (DSA) governs K-12 construction with strict fire-code and clearance requirements. Above certain kWh thresholds, batteries must maintain minimum spacing from one another — a rule that shapes system layout and documentation from the earliest design stage.

Field coordination with a new-to-storage EPC

The installing contractor was taking on its first battery storage project. Enerlogics needed someone well-versed in BESS-specific configurations for this complex application. GridVest stepped in as a technical bridge, working alongside Enerlogics to guide wiring specifications, supporting installation troubleshooting, and coordinating directly between the manufacturer and the electricians on the ground.

Capital & payment timing

Enerlogics wasn't initially paid until equipment delivery and after commissioning. That put real pressure on their working capital across these simultaneous deployments, requiring GridVest to structure payment terms flexible enough to match their cash flow without slowing the project down.

Site access & scheduling constraints

These were live school campuses, and most work had to happen after school hours or during limited off-session window. Safety fencing around the equipment added coordination overhead to every site visit — scheduling technicians, managing key access, and working around the rhythms of an operating school.



HOW GRIDVEST & ENERLOGICS DELIVERED

1 Equipment selection & design optimization

GridVest worked with Enerlogics to optimize the system layout to meet strict spacing and permitting requirements, integrating EMS input to support microgrid-mode operation.

2 Permitting & documentation support

GridVest supported Enerlogics to review the technical documentation needed to satisfy the state authority's review process — supporting requested revisions and answering technical questions, without rework loops or approval delays.

3 Logistics & inventory flexibility

When construction of multiple sites fell behind schedule and the campuses weren't fully prepped to receive equipment, GridVest warehoused the batteries domestically until the sites were ready for installation, removing schedule risk.

4 Multi-party field coordination & commissioning

GridVest helped to manage the connective tissue between Enerlogics, the EPC, the manufacturers, and EMS provider across five sites and two system configurations, including hands-on troubleshooting support once systems were installed.

5 Milestone-matched payment structuring

Rather than requiring payment upfront, GridVest tied disbursements to the same milestones the district used to pay Enerlogics, keeping capital moving through the project instead of sitting locked up in advance financing.



RESULTS

- ✓ Supported Enerlogics to clear the state's toughest K-12 permitting authority with zero rejected submissions
- ✓ Delivered two distinct system configurations across five sites without schedule slippage
- ✓ Provided direct troubleshooting support to resolve field installation issues
- ✓ Preserved Enerlogics' cash flow through flexible, milestone-based payment terms to match their own payment schedule
- ✓ Absorbed mid-project spec changes and a late EMS vendor switch with no additional costs or change orders to Enerlogics

IN THEIR WORDS







"We came to GridVest already well into project design, and they jumped right in. They didn't just source batteries, they helped us get the system *right* for five sites at once, under some tough permitting and AHJ involvement. Having a partner who could speak the manufacturer's language and keep our EPC on track made the difference between a project that stalls and one that ships on schedule."

— Scott Ameduri, President, Enerlogics

GRIDVEST

GET IN TOUCH

Managing multi-site deployments with permitting complexity?

GridVest manages procurement, logistics, and financing across the full project lifecycle.

Let's talk →

SCAN TO CONNECT