

# GOLDEN STATE LOGISTICS CUTS CHARGING COSTS BY 60% WITH VOLT VAULT™



Golden State Logistics, a leader in port drayage since 1996, serving the Ports of Los Angeles and Long Beach, is unlocking its EV charging potential. By utilizing Volt Vault, a natural-gas powered EV charging solution, they reduced their electric vehicle charging costs from 43 cents to 17 cents per kWh and **revolutionized their daily charging schedule.**

## BY THE NUMBERS

### 60% COST REDUCTION

Energy costs dropped from \$0.43/kWh to \$0.17/kWh.

### 100% SCHEDULE FLEXIBILITY

Eliminated the need for night-shift-only charging.

### 0 PEAK DEMAND CHARGES

GSL charges on their own schedule independent of the grid.

### 90 MINUTES

The amount of time GSL takes to charge their EV truck in comparison to 8-9 hours

*“We were looking for a solution that would let us avoid peak charging rates during the 4 to 9 PM window. With Volt Vault and its L3 chargers, drivers can plug in as soon as trucks return, even at 4 or 5 PM, and be ready by about 6 PM for a second shift without worrying about peak or demand charges.”*

**FRED JOHRING, GOLDEN STATE LOGISTICS**



**✗ THE CHALLENGE:**  
*The High Price of Going Green*

Golden State Logistics was fully committed to electrifying their fleet. However, they quickly realized they needed to work within the limitations of traditional charging infrastructure, developing a strategic schedule to keep charging costs down while staying on track with their customers.

Golden State Logistics' daily charging operations were largely dictated by the utility's time-of-use rates. To keep costs manageable, they had to rely on the night shift team to schedule vehicle charging during the middle of the night. It was a workaround that got the job done, but it lacked the flexibility a logistics team needs to thrive.

**✓ THE SOLUTION:**  
*Power on Your Terms*

U.S. Energy stepped in with a solution designed for the real world of logistics, not just a spreadsheet. Volt Vault, our independent, natural-gas supplied EV charging solution, allowed Golden State Logistics to bypass the utility's peak pricing constraints entirely.

The impact was immediate. The cost per kWh fell to just 17 cents—a massive win for the bottom line. But the operational shift was even more valuable. Because Volt Vault stabilizes fuel costs regardless of the time of day, Golden State Logistics could rethink their charging schedule.

Morning drivers can now run their routes and return to the depot during the port's standard mid-day closure. Instead of parking the trucks and waiting for the night shift to plug them in, they can charge immediately during that mid-day break.

**RESULTS + IMPACT**



**MASSIVE COST SAVINGS**

Lowering charging costs to 17 cents per kWh made operating the electric fleet more cost-effective



**OPERATIONAL FREEDOM**

The "night shift" bottle neck is gone. Drivers charge during the day to keep the fleet ready for the next run.



**CONSISTENT COST PER KWH**

GSL no longer needs to worry about peak pricing and can just pay for the fuel they use with Volt Vault.



**READY TO TAKE CONTROL OF YOUR ENERGY COSTS?**

Managing a fleet can come with headaches—keeping your EV charging budget in check shouldn't be one of them. Whether you are managing leased facilities or facing grid constraints, Volt Vault is ready to help you reduce costs and keep your trucks on the road. **Contact us today to explore your charging options.**

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