

# ELITE ENERGY

Proudly representing Q3 Power Systems. Redefining Data Center Energy  
Infrastructure for the Next Decade.

# The Global Power Crisis

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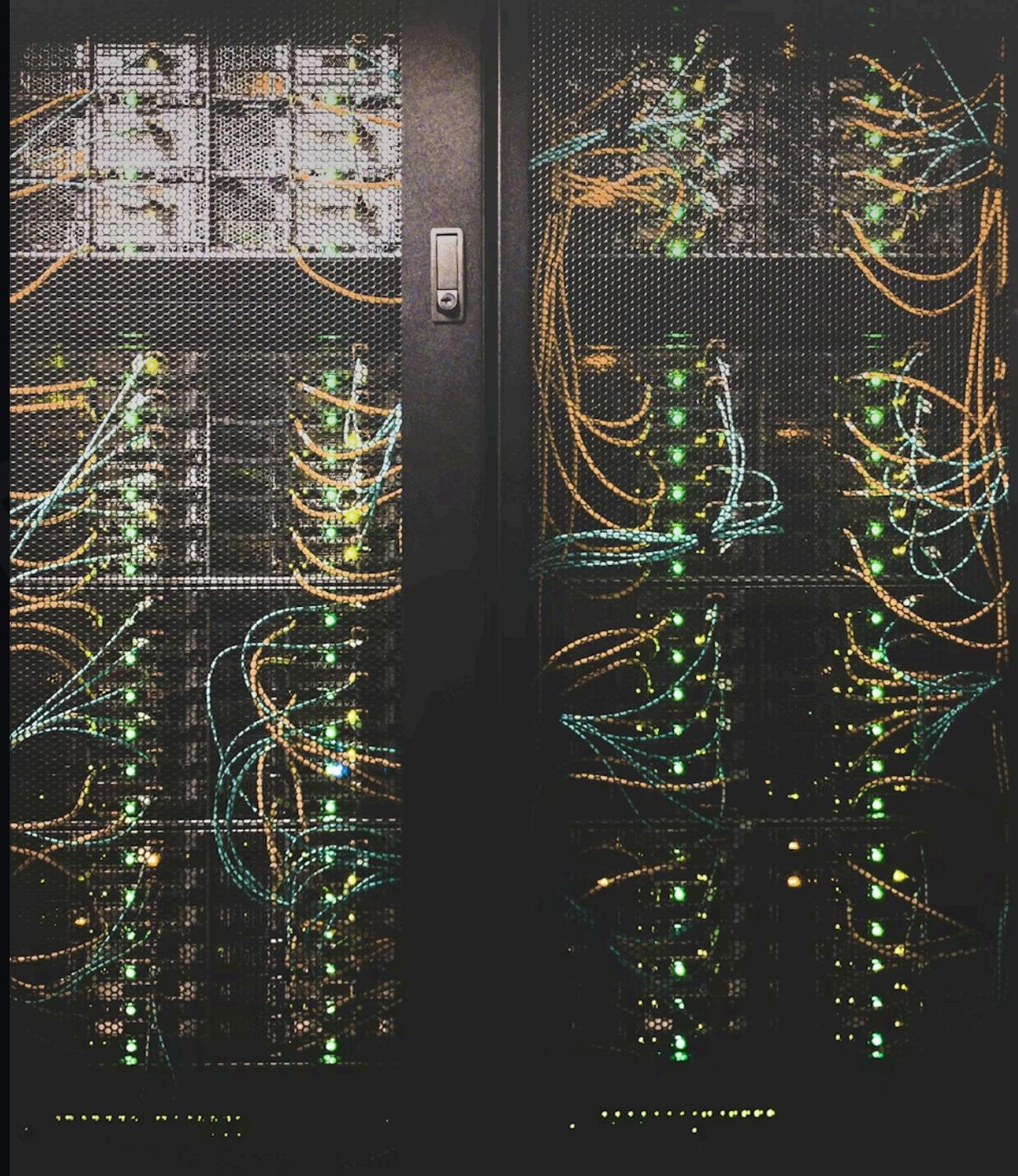
Hyperscale growth is violently colliding with aging, municipal utility infrastructure. The traditional, grid-dependent data center model is completely broken.

# The Core Problem

Data centers are consuming unprecedented levels of global energy. This creates massive grid strain, leading to localized brownouts and surging electricity costs for surrounding residential communities.

Relying on legacy utility monopolies restricts your hyperscale growth, introduces severe downtime risks, and permanently damages community relations due to municipal rate hikes.

You can no longer afford to share power with the public grid.



# The Billion-Dollar Solution

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## Elite Energy

Your dedicated infrastructure partner and exclusive representative. We bridge the gap between hyperscale data center demands and revolutionary off-grid power generation.

## The Q3 Power System

An ultra-high-efficiency, scalable on-site solar generation and massive-scale energy storage ecosystem. It provides dynamic load balancing, automated peak shaving, and true grid independence.

# How the System Works

The ultimate bridge between raw solar generation and precision data center loads.

## 2. Heat Transfer

This incredibly hot liquid is safely pumped away from the mirrors and pushed steadily into our secure energy ecosystem.

## 4. Clean Electricity

The stored heat spins a heavy-duty turbine and alternator, turning that motion into perfect, 24/7 clean electricity.

## 1. Solar Capture

Giant curved mirrors act like magnifying glasses, catching the sun's rays to intensely heat a special liquid inside a pipe to **850°**.

## 3. Infinite Storage

Stored in a massive **Proprietary PCM (Phase Change Material) Reservoir**—acting like a giant thermos with zero heat leakage—for 24/7 power.

# Key Technological Pillars



## Grid Independence

Sever the cord to unreliable utilities. Generate pristine, predictable power entirely on-site. Become completely immune to external outages and capacity limits.



## Unmatched Density

Generate massive amounts of energy on the smallest possible footprint—starting at **5MW in under 1/2 an acre**—preserving highly valuable real estate for actual server buildings.



## Community Harmony

Apply strictly zero strain on local residential grids. Eliminate the political and social friction of hyperscale deployment by producing your own power.

# Impact Metrics

0%

STRAIN ON RESIDENTIAL GRIDS

99.99999%

GUARANTEED SLA UPTIME

CAT 5

HURRICANE CERTIFIED GRADE

## Re-engineering the Power Dynamic

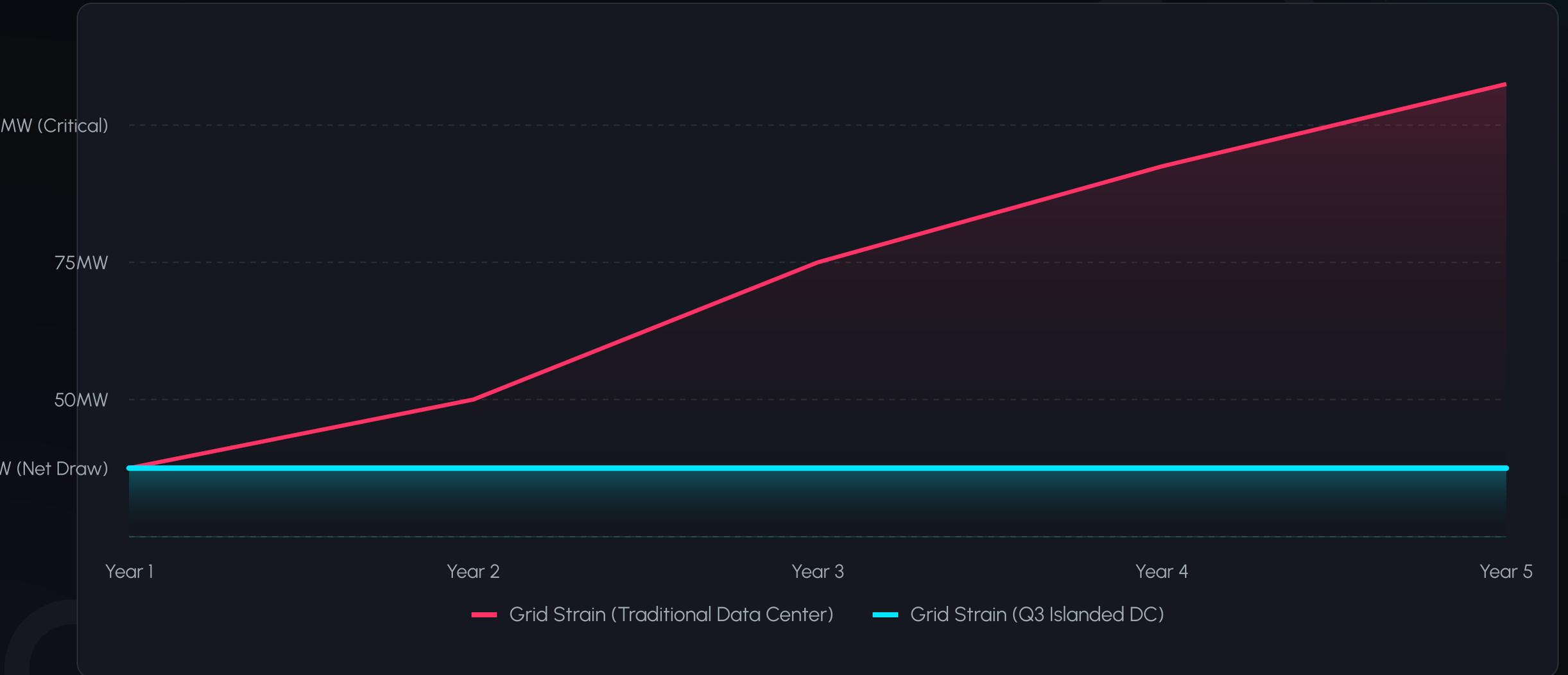
By removing your facility from the local utility draw entirely, you eliminate the residential rate hikes caused by your massive operations. Turn community resistance and regulatory hurdles into collaborative, accelerated support.

Simultaneously, you guarantee the absolute highest standard of uptime in the data center industry with a system built to survive extreme weather and provide secure, behind-the-meter (BTM) control.

# Q3 System Specifications

OPERATIONAL METRIC	STANDARD GRID / SOLAR	Q3 SYSTEM (BASE DEPLOYMENT)	Q3 SYSTEM (HYPERSCALE ISLAND)
Power Output Capacity	Subject to Utility Limits	6MW - 25MW (Scalable)	50MW - 250MW+ (Limitless)
Daily Energy Yield	Intermittent / Unreliable	144.0 MWh (per 6MW unit)	Exponential Output
Spatial Footprint (for 6MW)	~50 Acres (Standard Panels)	< 1/2 Acre (Micro-Footprint)	Vertically Scalable Array
Grid Strain Contribution	Extreme (Causes Brownouts)	Minimal (Peak Shaving)	Absolute Zero (Fully Islanded)
System Lifecycle Rating	10-15 Years (Battery Degrades)	250,000 Cycles	250,000 Cycles
Uptime Reliability	99.9% (Tier II/III standard)	99.999%	99.9999% (Tier IV+)

# Flatlining the Demand Curve



# Powering the Future

Elite Energy proudly presents the Q3 Power System—not just a backup, but a continuous, primary power revolution. Designed to bridge the gap to sustainable infrastructure while protecting bottom-line profitability.

- **Advanced Thermal Solar:** The Q3 system utilizes parabolic troughs to concentrate solar energy. It completely eliminates reliance on natural gas, diesel, or any other costly, volatile consumable fuels.
- **Seamless Power Conditioning:** The Q3 ecosystem intelligently manages power distribution and storage, ensuring pure, unadulterated power delivery to highly sensitive critical server loads.
- **Modular Scalability:** Add Megawatts precisely as your compute capacity grows, avoiding massive upfront capital expenditures and stranded capacity.

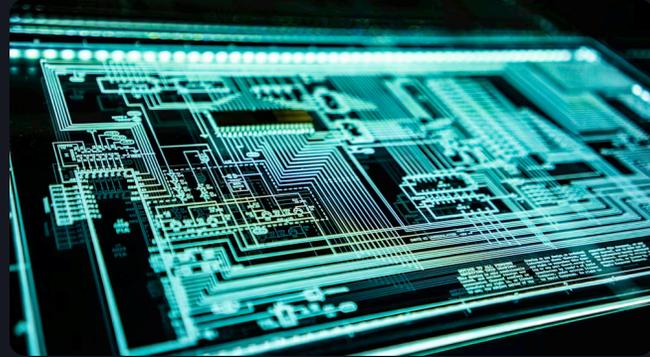


# Deployment Modalities



## Hyperscale Campuses

50MW to 200MW+ deployments. Establish fully islanded, sovereign microgrids. Bypass years of utility interconnection delays.



## Enterprise Colocation

Retrofit existing urban facilities. Use Q3 storage for aggressive peak dispatch (especially during critical 4PM-8PM grid strain) to lower bills and guarantee SLA uptime.



## Edge Compute Pods

Self-contained, modular Q3 units power remote AI-inference edge data centers where utility lines simply do not exist.

# Accelerated Speed to Market

While hyperscale developments wait 3 to 5 years for utility grid interconnects, our domestic roadmap ensures rapid deployment. Furthermore, our **non-permanent structural design** bypasses the years of zoning and permitting required for traditional power plants.

## 2. USA Logistics

Standard **4-6 month manufacturing lead time** enabled by our localized, domestic supply chain.

## 4. Power Sovereignty

Full baseload active. Enjoy zero grid interruptions and complete behind-the-meter (BTM) secure control.

## 1. Feasibility

Immediate site footprint and load profile analysis to determine precise operational requirements.

## 3. Commissioning

Rapid **15-45 day onsite commissioning**, getting your data center fully online months ahead of schedule.

# Unrivaled Financial Structures

\$0

ONGOING FUEL COSTS

40%

FEDERAL TAX CREDITS

## The 100% Made in USA Advantage

By generating 100% solar power using Q3 hardware exclusively engineered and manufactured in our **North Carolina and Colorado facilities**, our installations unlock unprecedented financial advantages that drastically lower your CapEx.

- > **30% Federal ITC:** Immediate Federal Investment Tax Credit applied to the project.
- > **10% Domestic Bonus:** Additional 10% credit because our products are 100% Made in the USA.
- > **MACRS Depreciation:** Qualifies for accelerated corporate depreciation schedules.

# Proven Execution

20+

YEARS FIELD OPS

Proven reliability, industrial innovation, and zero-downtime engineering.

30+

GLOBAL INSTALLS

Trusted by enterprise giants including **IBM** and the **Montreal Stock Exchange**.

\$8B

EXECUTION PARTNER

Partnered with Fortune 500 Global Engineering Leader **KBR** for massive deployments.

1000+

MW CAPACITY

Massively scalable manufacturing current run-rate to meet hyperscale demands.

# Take Command of Your Power

Eliminate grid dependency. Stabilize your costs. Scale without limits.

[INITIATE INFRASTRUCTURE REVIEW](#)

Elite Energy | Powered by Q3 Power