

Energous Corporation

Battery-Free IoT Infrastructure

The Only Wireless Power Network Enabling Battery-Free, Real-Time IoT at Enterprise Scale

2,000+

Active Locations

39,000+

PowerBridges Deployed

300+

Patents

Zero

Product Returns

May 2026



energous[®]

WIRELESS POWER SOLUTIONS

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Enabling Ambient IoT at Enterprise Scale

What is Ambient IoT?

Ambient IoT connects everyday assets and environments to the cloud through low-power/battery-free sensors.

These sensors generate real-time data, enabling automation, AI-driven insights, and full operational visibility across physical environments.



The Challenge Today

Current solutions fall short:



Limited
Visibility



High
Maintenance



Not Scalable

None provide scalable, continuous real-time visibility.

The Energos Solution



- Battery-Free Sensors
- Wireless Power
- Real-Time Data
- Enterprise Scale
- Full Automation & Visibility

Reliable AI requires reliable data at the physical level.
Energos infrastructure enables continuous data streams for next-generation AI analytics.

Positioned Across Multiple Large IoT Markets with Active Deployments

Multiple entry points across Bluetooth, IoT sensors, RFID, and Ambient IoT markets

Bluetooth/BLE Ecosystem

8B devices by 2029

5.3B → 8B

IoT Sensors Market

\$101.6B by 2032

RFID Tags Market

\$15.6B (2025)

52.8B chips shipped (2024)

Ambient IoT

1.1B shipments by 2030

Our Beachhead Markets:

Retail: Inventory visibility (2,000+ locations today)

Cold Chain: Food & pharma distribution (1 QSR and 3 National Grocers)

Logistics & Manufacturing: Asset tracking (U.S. and expanding internationally)

BLE replacing RFID at 5-10x lower TCO • Ambient IoT at inflection point • Regulatory mandates accelerating adoption

Sources: Bluetooth SIG, Fortune Business Insights, IDTechEx, ABI Research

Energous End-to-End Solution: Recurring Revenue Model

End-to-End Solution Drives Recurring Revenue Stream

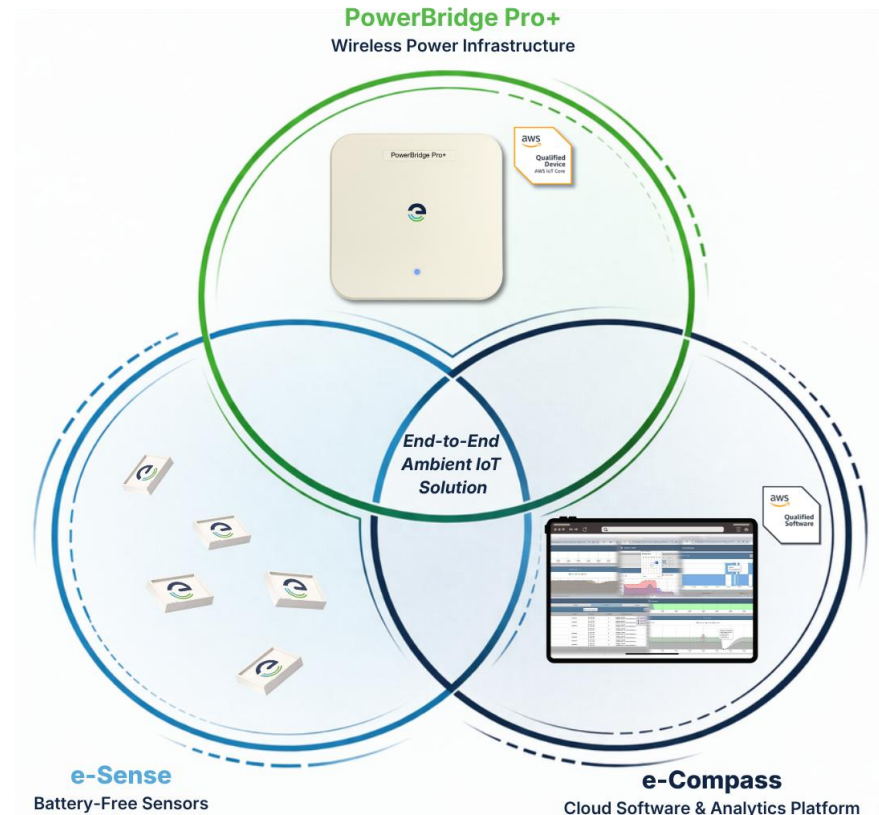
- Revenue generated through bundled sales of PowerBridge Pro+ transmitters, e-Sense tags, and e-Compass software

Subscription-Based Model

- Software and platform services delivered via subscription
- Contracts auto-renew annually, creating predictable revenue stream

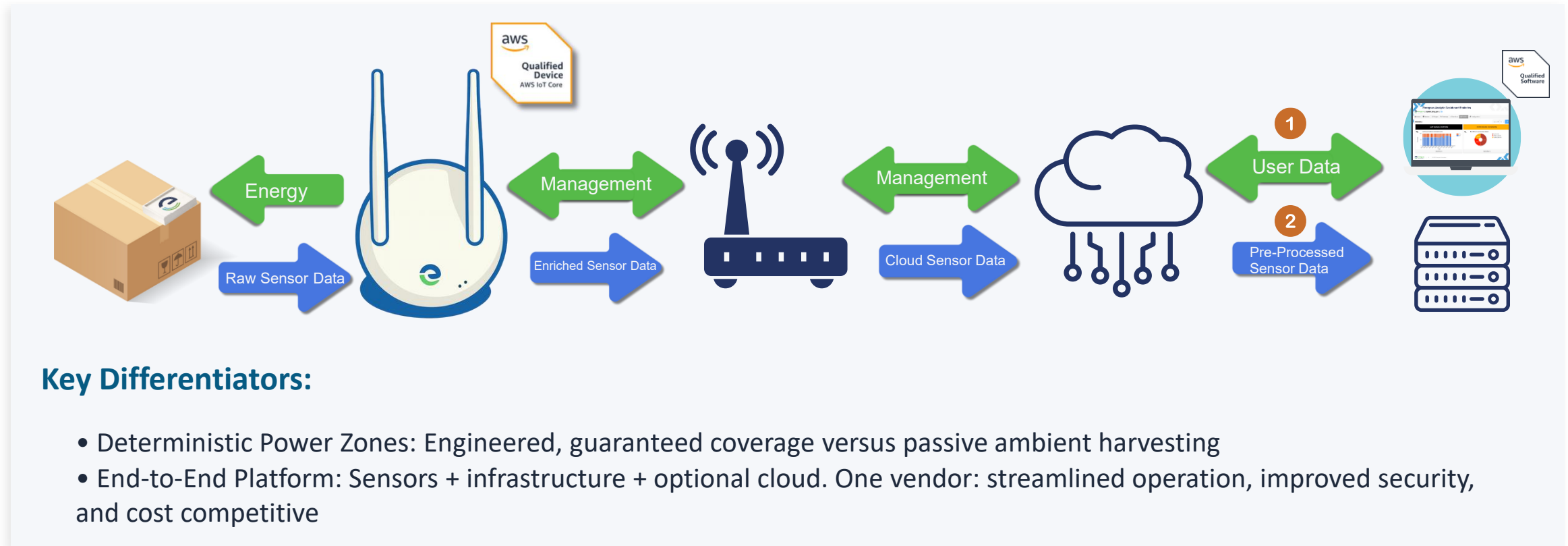
Scalable Growth

- Revenue becomes increasingly predictable with higher margins after initial deployment (typically by Year 2)
- Revenue compounds as deployments scale across enterprise environments



Energous Solution: Transforming the Physical Layer into a Digital Twin

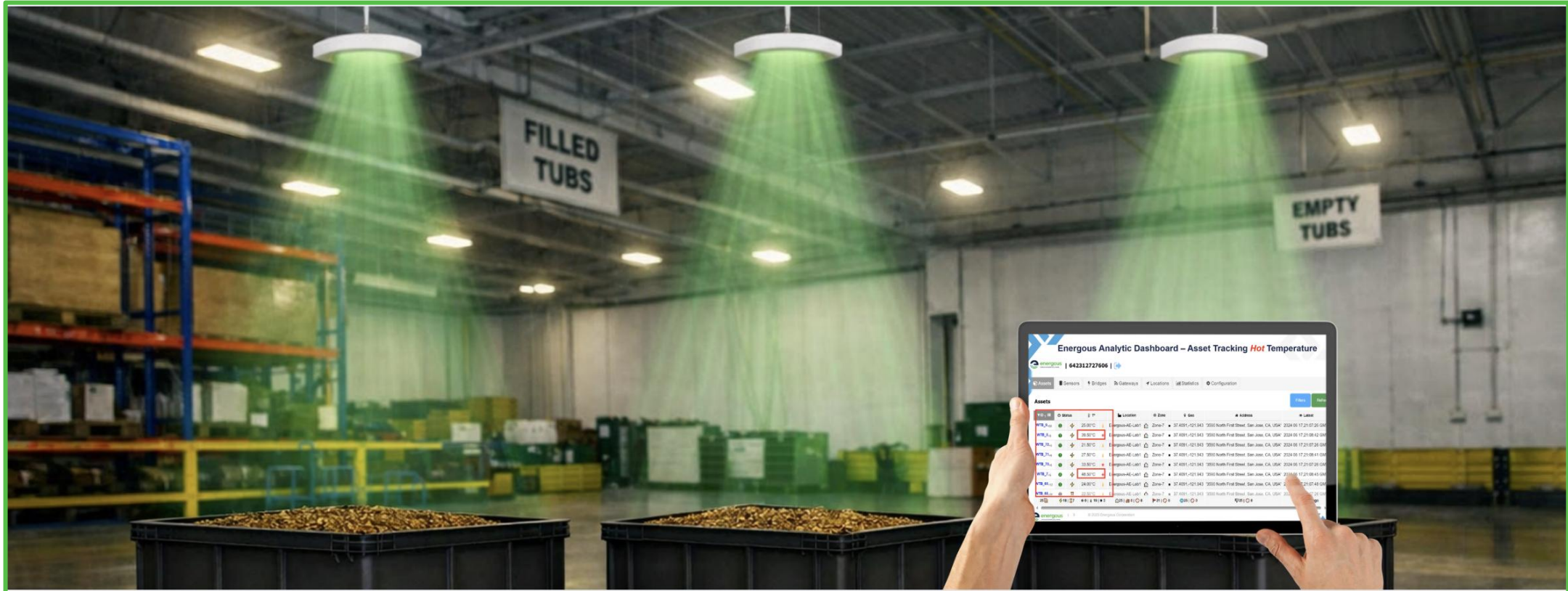
Powering the infrastructure layer that makes battery-free IoT viable at enterprise scale.



Key Differentiators:

- Deterministic Power Zones: Engineered, guaranteed coverage versus passive ambient harvesting
- End-to-End Platform: Sensors + infrastructure + optional cloud. One vendor: streamlined operation, improved security, and cost competitive

Energous End to End Solution in Action



- High accuracy zone-based asset tracking
- Real-time monitoring
- Temperature and humidity monitoring

- Validation from origin to last mile
- Network device management
- Real-time events for 3rd party integration

Enterprises Need Real-Time Visibility — Without the Battery Burden

Enterprises already invest in item-level tracking, but battery-powered IoT creates cost, maintenance, and reliability challenges. Energos eliminates battery dependency to enable scalable, continuous visibility.

Cold Chain Waste

1.05 billion metric tons of food waste annually.

Challenge: Battery sensors fail during handoffs, creating data gaps & compliance risk.

Solution: National grocery distributors and QSR use Energos battery-free sensors for continuous monitoring.

Impact: Continuous, uninterrupted data across the supply chain enables automated compliance, reduces spoilage, and eliminates manual checks.

Inventory Blind Spots

\$1.73 trillion lost annually from inventory distortion globally.

Challenge: Battery RFID requires scanning. Stockouts and overstocks.

Solution: Fortune 10 retailers deployed our infrastructure across 2,000+ locations globally, providing continuous visibility.

Impact: Up to 99% inventory accuracy. Eliminated manual cycle counts.

Battery Maintenance

Battery replacement for 10K devices can exceed \$6M in labor over 5 years.

Challenge: Unpredictable battery life drives ongoing labor, downtime, and compliance risk.

Solution: Energos wireless power eliminates battery replacement — enabling fully maintenance-free operation.

Impact: Reduces total cost of ownership by millions while enabling continuous, reliable operation at scale.

Sources: UNEP Food Waste Index Report 2024, IHL Group, QOI Tech

The Future of Supply Chain

Ambient IoT transforms supply chains from tracking to always-on intelligence

From Event-Based Tracking to Continuous Intelligence

Ambient IoT real-time data powers AI software models and enables real-time insights into location, predictability, movement, condition, ownership, and compliance.

Labor Efficiency & Automation

By automating data collection and discrepancy resolution, ambient IoT frees supply chain workers (associates, managers, store teams) to focus on higher-value tasks.

Enterprise Performance Advantage

Continuous visibility enables faster inventory turns, reduced shrink, regulatory data tracking, and improved demand forecasting accuracy.

The Emerging Enterprise Standard

Battery-free ambient IoT aligns with emerging global regulatory, ESG, and compliance mandates — establishing infrastructure-level standards for enterprise deployment.

Energous Wireless Power Solutions makes this vision possible by powering ambient IoT sensors continuously & reliably at enterprise scale.

Ambient IoT is Scaling — And Energos Powers It



Converging market demand, regulatory momentum, and enterprise adoption positions Energos as the leader of the growing ambient IoT market.

Market Acceleration

- Real-Time Data Powers AI
- More Data = More Intelligence

Enables:

- Predictive Logistics
- Cold Chain Monitoring & Compliance
- Inventory Automation

Regulatory Leadership

- UK+EU+FCC 1W & 2W Over-the-Air Certifications
- Technology Certifications in 110+ Countries
- EU 2023/1542 Battery Regulation Alignment
- ESG & Compliance-Ready Infrastructure

Commercial Proof

2,000+

Active Locations

QSR and National Grocery
Partners

39,000+

PowerBridges Shipped

Item-Level Logistics Visibility

Zero

Product Returns

14 International Deployments

PowerBridge: Enterprise Wireless Power Infrastructure

Technical Specifications

- ✓ FCC 2W over-the-air certification (Industry First)
- ✓ RF component expertise on both system and semiconductor
- ✓ 8W EIRP transmission capability
- ✓ 50+ foot range per transmitter
- ✓ One-to-many device charging within line of sight
- ✓ Sensor agnostic architecture
- ✓ AWS native cloud integration
- ✓ Deterministic power zones (engineered coverage)
- ✓ Up to 99% uptime
- ✓ -30°C Cold Chain operability

PowerBridge Lite

Directional Transmitter

- 1.8W EIRP / 1W conductive output
- Designed for dynamic applications such as warehouses & retail
- Ideal for establishing zones in the wireless power network



PowerBridge Pro

High-power Transmitter

- 8W EIRP / 2W conductive output
- Up to 50 ft range
- Built for multi-zone asset and inventory tracking
- IP67 Rated
- FCC+EU+UK Certified



e-Sense Tag

Battery-free Sensor

- Battery-free, maintenance-free operation
- Real-time temperature and location data
- Built for supply chain, cold chain, and inventory tracking
- Re-usable and full IP67 rated



e-Compass

Operational Intelligence Platform

- Secure, cloud-based deployment management
- Gateway onboarding and zone configuration
- Real-time monitoring, analytics, and historical reporting



Unlike passive ambient harvesting, Energos creates engineered, deterministic power zones — ensuring predictable device uptime and continuous data flow.

Why Energous Wins: We've Pioneered the Infrastructure

Energous delivers the wireless power infrastructure that makes enterprise-scale deployment reliable and manageable.

	Legacy RFID	Battery-Powered IoT	Ambient Harvesting	Energous
Power Source	Passive (reader only)	Batteries	Ambient RF	Active Wireless Power Network
Data Frequency	On-demand scan	Periodic	Variable and not reliable	Real-time continuous
Coverage	Line-of-sight	Anywhere (until battery dies)	High RF areas only	Engineered zones
Maintenance	Reader infrastructure	Frequent swaps	None (but unreliable)	None (and reliable)
Reliability	Scan-dependent (periodic data)	90-95% (not real-time)	70-85%	Up to 99%
Infrastructure Control	Reader suppliers	N/A	N/A (ambient dependent, tags don't harvest enough energy to push data)	Energous owns network & hardware/semiconductors

At our power output, competitors are in labs—we're in Fortune 10 warehouses.

Strategic Partner Ecosystem

Strategic partnerships accelerating enterprise adoption and commercial scale

Cloud & Platform

Amazon Web Services
(AWS/AT&T/Velociti)

- AWS ISV Accelerate partner
- AWS Partner Page: 50+ posted deal launches as of May 13, 2026
- Active co-selling with AWS account teams
- Pre-qualified vendor status
- Accelerated enterprise sales cycles

Enterprise Customers

Retail, Manufacturing
& Logistics

- 2,000+ retail & fulfillment locations (U.S.)
- 3 national grocery distributors
- 14 international markets
- Multi-phase deployment expansions
- Reference customer pipeline
- 1 QSR cold chain deployment

Target Partnerships

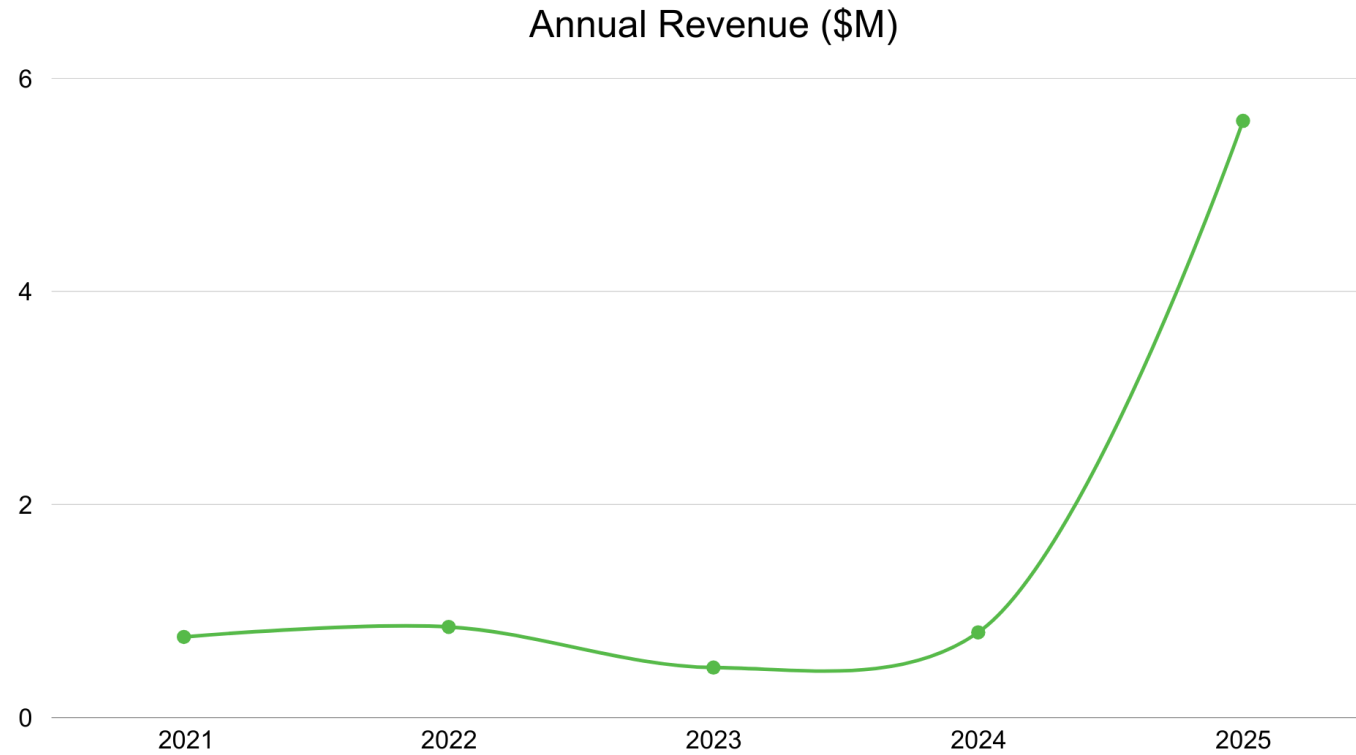
System Integrators &
VARs

- Global system integrators
- Value-added resellers
- Sensor OEM ecosystem
- Chip & component partners
- Target: up to 50% pipeline partner-sourced



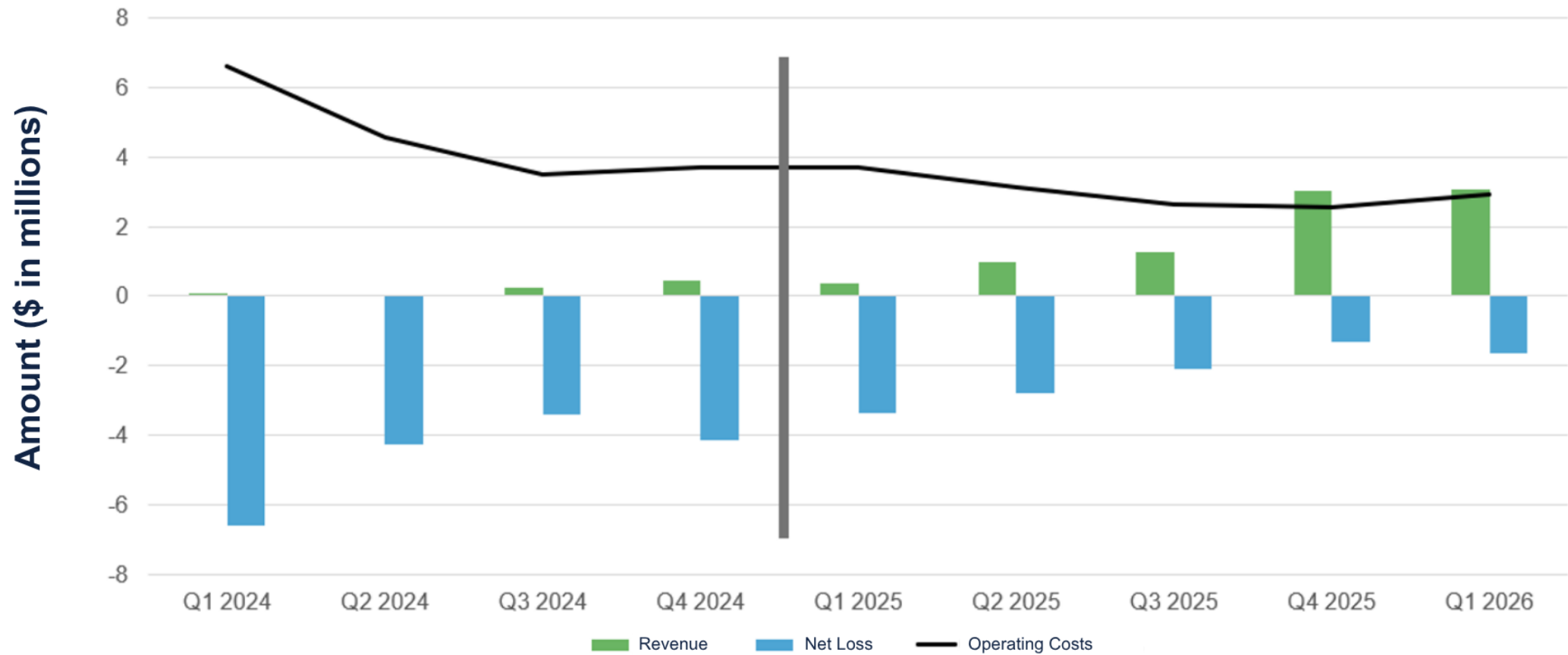
Enterprise deployments at scale - driving revenue growth and improved operational efficiency.

Estimated quarterly revenue breakeven: ~\$5M–\$7.5M



FY 2025 (Audited): \$5.6M revenue (+633% YoY) • 36% gross margin • Net loss improved 48% YoY

Energous Financial Performance Trends (2024 - Q1 2026)



Q1 2026 Highlights

- \$3.1M revenue, marking the fifth consecutive quarter of growth
- 799% YoY increase driven by enterprise deployment scaling
- Two active Fortune 10 commercial deployments, expanding both nationally and internationally
- Expanding proof-of-concept pipeline across QSR, manufacturing, grocery, cold chain, and government sectors
- Strengthened Amazon Web Services ecosystem: 50+ posted deal launches, with active co-selling and direct-sales pipeline into parent business units

\$3.1M Revenue

+799% YoY Growth

36% Gross Margin

51% Net Loss Improvement vs Q1 2025

\$36.6M Cash

Operational Efficiency: Margins Expanding, Losses Decreasing

Financial Trajectory

Gross Margin Expansion

FY 2024: 2%

FY 2025: 36%

Q1 2026: 36%

Target: 40%+ (at scale)

Revenue

FY 2024: \$768,000

FY 2025: \$5.6 million

Q1 2026: \$3.1 million

Target: Product sales + recurring revenue from end-to-end solution

Net Loss Reduction

- 2025: \$(9.6) million; Lowest annual net loss since 2013
- Q1 2026: \$(1.7) million; 51% improvement vs Q1 2025

Balance Sheet Strength

- Cash: \$36.6 million (March 31, 2026)
- Commercial Loans: \$0 (fully retired)
- Runway: 12+ months

Deployment Scale Metrics

2,000+

Active Locations

39,000+

PowerBridge Pro Units Deployed

2

Ongoing Fortune 10 Deployments

Zero

Product Returns

Real Deployments, Real Impact

How customers use Energous today—proven results across retail, cold chain, and logistics

Fortune 10 Retailer

Use Case:
Inventory Visibility

Challenge: 85% inventory accuracy. Missed items in transit.

Energous Solution: 1,500+ locations deployed. Continuous tracking.

Results:

- Up to 99% inventory accuracy
- Operational efficiency improvements
- Expanding to ~4,700 U.S. locations

Cold Chain

Use Case:
Cold Chain Compliance

Challenge: Battery sensors not capable of providing real-time visibility

Energous Solution: 1 QSR and 3 National Grocers. Continuous monitoring for environmental conditions & perishable food tracking. Energous PowerBridge Pro is the only solution operating at -30°C, enabling cold chain operation.

Results:

- Prevented spoilage losses
- Data for FDA/USDA/FSMA compliance
- Expanding to multiple sites

Fortune 10 E-commerce Company

Use Case:
Inventory Visibility

Challenge: Lost assets, asset diversion

Energous Solution: End-to-end warehouse-to-customer real-time tracking.

Results:

- Up to 99% asset visibility
- Zero battery maintenance
- 3,100+ PowerBridge Pros shipped to U.S. sites
- 14+ international installations completed with 35+ facilities targeted for 2026

Why Now? Five Converging Tailwinds

Market infrastructure, regulatory momentum, and AI demand converge at this inflection point

1. Strategic Pivot Complete

Evolved from an OEM-dependent consumer product model to enterprise solutions with a fully integrated end-to-end Ambient IoT platform (power + sensors + cloud).

2. Regulatory Push Accelerating

UK/EU/FCC 2W/8W EIRP approval (only company). EU 2023/1542 Battery Regulation mandates sustainable alternatives. Multi-year regulatory lead over competitors.

3. AI = Ambient IoT Synergy

AI-driven enterprises require continuous data; ambient IoT enables it. Real-time sensors enable predictive logistics, inventory automation, cold chain optimization.

4. Qualified AWS Partner

AWS ISV Accelerate qualification, Marketplace presence, and APN listing expand enterprise access and accelerate go-to-market execution. With 50+ posted deal launches and active co-selling, AWS is becoming a meaningful source of pipeline and commercial opportunities.

5. Balance Sheet Strength

Financially well-positioned to scale with strengthened capital structure.

Clear Path to Scale

Deployments expanding, ecosystem accelerating, profitability approaching

1 Current Deployments Expand

- Fortune 10 Customers: First phase deployments underway
- 1 QSR + 3 National grocers: Potential deployments to 14,000+ locations
- Active PoCs converting to full deployment

2 AWS Partnership Scales

- ISV Accelerate qualification expands enterprise access
- AWS channel generating pipeline and commercial opportunities
- 50+ deal launches and active co-sell/direct sales pipeline

3 Partner Ecosystem Expands

- Increased number of system integrators for large deployments
- Increased partner-sourced pipeline and deal flow

4 Demonstrating Operational Efficiency

- Five consecutive quarters of revenue growth through Q1 2026
- Gross margins improving (36% - Q1 2026)
- U.S.-based manufacturing launched in Q1 2026
- Path to profitability & free cash flow

Our flexible platform makes it easy to scale deployments across different customer environments, while growing partnerships and improving financial performance support broader expansion.

Energous Q1 2026: Commercial Momentum at Scale



Revenue

\$3.1M

799% increase from Q1 2025



Gross Profit

\$1.1M

1,077% improvement from Q1 2025



GAAP Net Loss

\$(1.7)M

51% improvement from Q1 2025



Cash Position

\$37M

As of March 31, 2026

Commercial Scale-Up



2

Fortune 10
deployments



2,000+

Active
locations



14+

International
installations
complete



39,000+

PowerBridges
shipped



50+

Deals through AWS
partner pipeline as
of April 30, 2026

Operational Efficiency vs Q1 2025



Revenue

\$3.1M vs \$0.3M

+799%



GAAP Operating
Expenses

\$2.9M vs \$3.7M

21% Improvement



GAAP Net
Loss

\$(1.7)M vs \$(3.4)M

51% Improvement



Revenue
Growth Streak

Revenue up from Q4 2025

**5th consecutive
quarter of growth**

Commercial & Ecosystem Highlights



Active PoC pipeline across
QSR, grocery, manufacturing,
and government



First end-to-end
Ambient IoT solution
at enterprise scale



Added U.S.-based manufacturing
capacity in Q1 2026, strengthening
supply chain resilience

Quality & Liquidity



Zero product returns since start
of commercial production in 2024



No planned use of the ATM in
the next 12 months



Zero commercial debt



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NASDAQ: WATT