

Acorn Energy, Inc. - Nasdaq: ACFN

Building High-Margin Recurring Revenue Stream via Expanding Suite of Infrastructure Monitoring & Control Solutions



June 2026

www.acornenergy.com

Safe Harbor Statement

This presentation includes forward-looking statements, which are subject to risks and uncertainties. There is no assurance that the Company will be successful in growing its businesses; in reaching profitability; growing through acquisition; or in maximizing the value of OmniMetrix or any other of its assets. The Company has a history of operating losses and there is no assurance that it can attain and maintain profitability. This presentation includes projections regarding expected performance by OmniMetrix and the Company generally which are based on management's good faith estimates as to future performance and should not be taken as a guarantee of such performance. A complete discussion of the risks and uncertainties which may affect Acorn Energy and the businesses of its OmniMetrix subsidiary is included in "Risk Factors" in the Company's most recent Annual Report on Form 10-K as filed by the Company with the Securities and Exchange Commission.

Overview

Acorn is building a growing stream of high-margin, recurring revenue in infrastructure monitoring & control solutions via:

- Pioneering OmniMetrix hardware/software solutions for standby generators & gas pipelines
- New Omni360 solutions providing substantially expanded capabilities for new opportunities at cell tower sites, data centers & utility substations – launching 2nd Half 2026.

Targeting ~20% average LT revenue growth in large markets

- Demand driven by industry leading solutions that deliver compelling ROI
- Increasing power outages, incidents of theft and data demands for efficiency and risk management also support demand.
- Ongoing focus on OEM bundling opportunities and accretive M&A

90%+ monitoring gross margins + hardware sales = 75%+ blended margin

- High margins + op. leverage drives ~50% of incremental revenue to EBIT

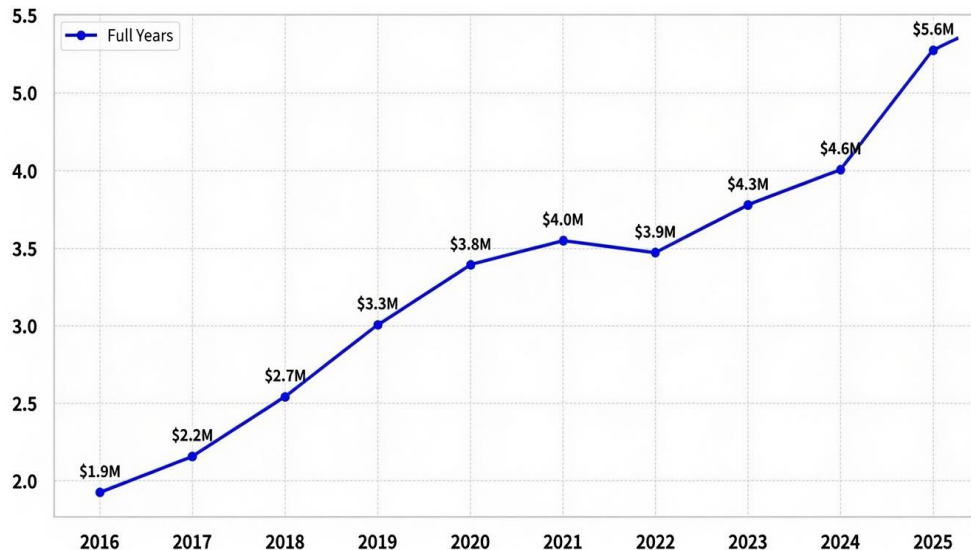
Acorn at a Glance

Nasdaq	ACFN
Recent Price	\$16.23
52-wk Range	\$12.42-\$33
Shares Out	2.5M
Market Cap	\$40.7M
Cash	\$ 4.3M

Enterprise Value	\$36.4M
LTM Revenue*	\$10.6M
EV/LTM Revenue	3.4x
Comp's EV/Rev. *	4.4x
Insider Ownership	35%

* Public comps ADT, ALRM, BMI, DGII, GNRC, AIOT, & IOT. All have lower gross margins and ARR as a % of total revenue.

Long Term Growth of Annually Recurring Monitoring Revenue



OmniMetrix Solutions

OMNI & OMNIPRO Monitors: Standby Generator Solutions - Launched 2025 Replacing TrueGuard Line

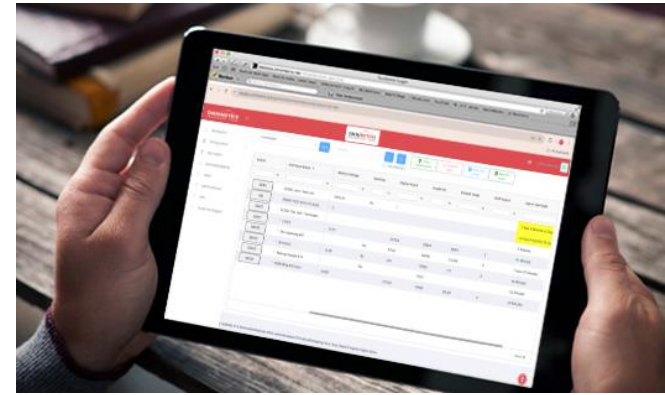
- Industry-leading capabilities with sleek, modern, future-proofed design and smaller footprint for flexibility and ease of installation.
- Powerful processing speed enables over air updates, USBC Port and plug-in wires vs. hardwiring, enabling easy replacement or movement across most leading brands.
- Multi-color LEDs provide real-time status updates.
- **OMNI** provides next generation residential monitoring with 50 alarms & 50 parameters, including: Battery Voltage, Fuel Level, Coolant Status, Missed Exercise, Alarms, etc.
- **OMNIPRO** serves next generation commercial applications with up to 1,000 alarms & parameters.



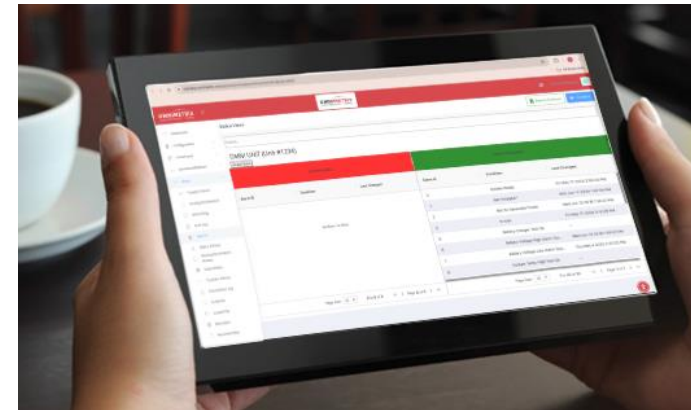
OmniMetrix Solutions

OmniView User Interface Enhanced Version Launched 2025

- See all monitors in one location
- Customizable home dashboard
- Email & text notifications for what you care about
- Schedule exercises or start/stop generator from anywhere
- Compliance reporting for local, state & federal requirements
- Air Quality Index integration
- Multifactor Authentication for extra security
- All-new OmniView App for Apple & Android devices



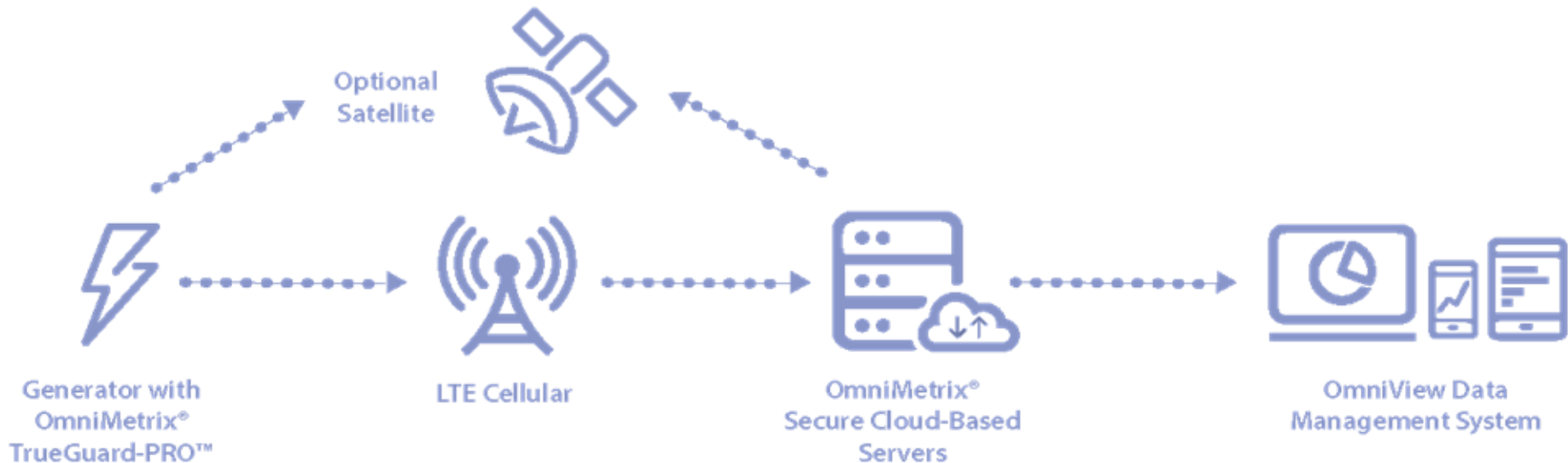
COMPLIANCE REPORTING TO MEET LOCAL, STATE & FEDERAL REQUIREMENTS



Remote Monitoring Value Add

- Reduces critical asset downtime; improves maintenance results
- Prevents 95% of generator “fail to start” events’ by tracking/reporting vitals: **Battery - Voltage - Fuel - Coolant - Oil**
- Less expensive & more effective than labor & travel of regular physical inspection – particularly with widespread remote assets.

Generator Monitoring Illustration



Diverse Long Term Customer Base

>25 Fortune 500 Companies Rely on OmniMetrix



Sectors:

Oil & gas

Aerospace/Defense

Industrials

Healthcare

Hospitality

Insurance & Banking

Real Estate

Retail/Grocery

Telecom

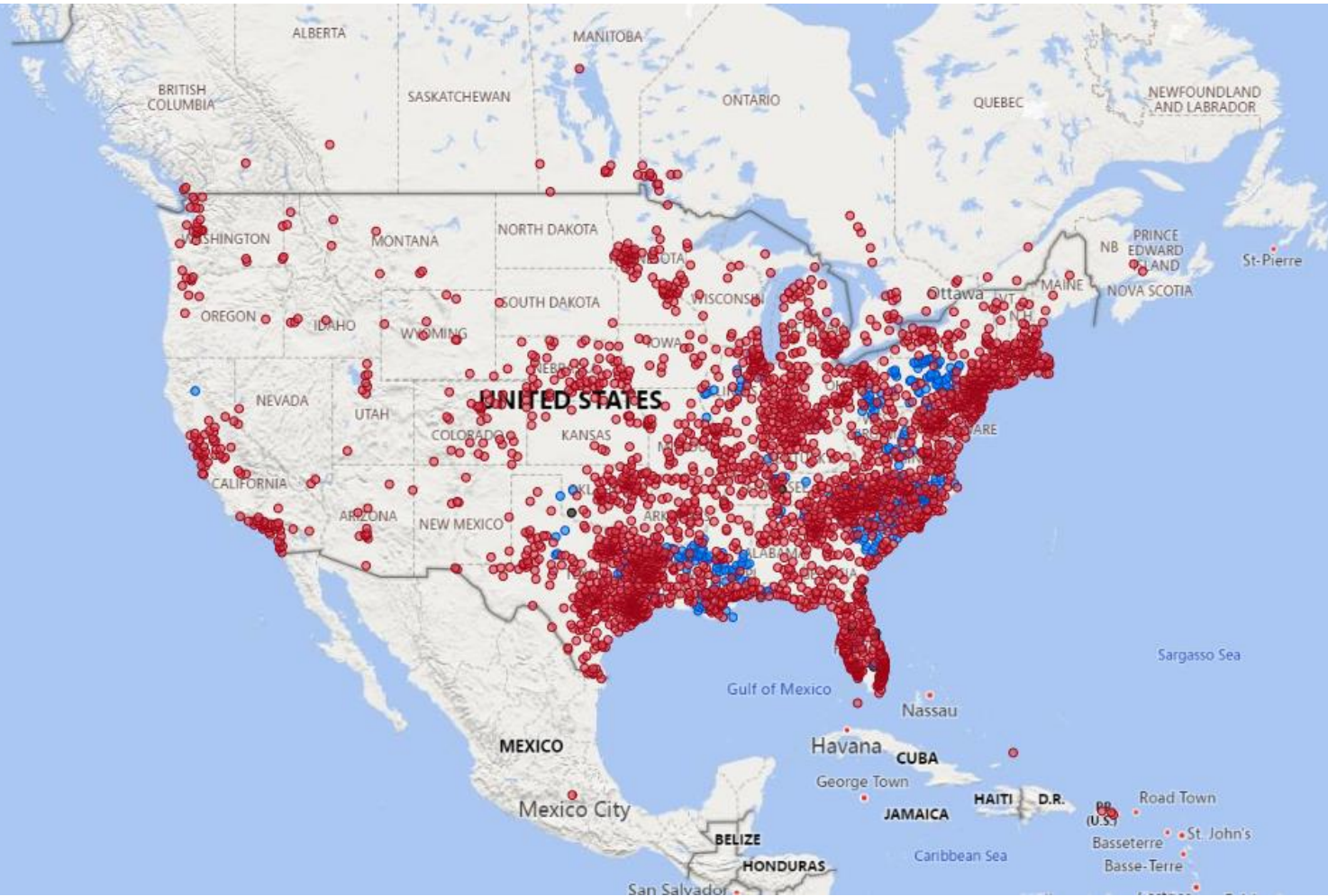
Chemicals

Transportation

Government



OmniMetrix Monitoring Footprint

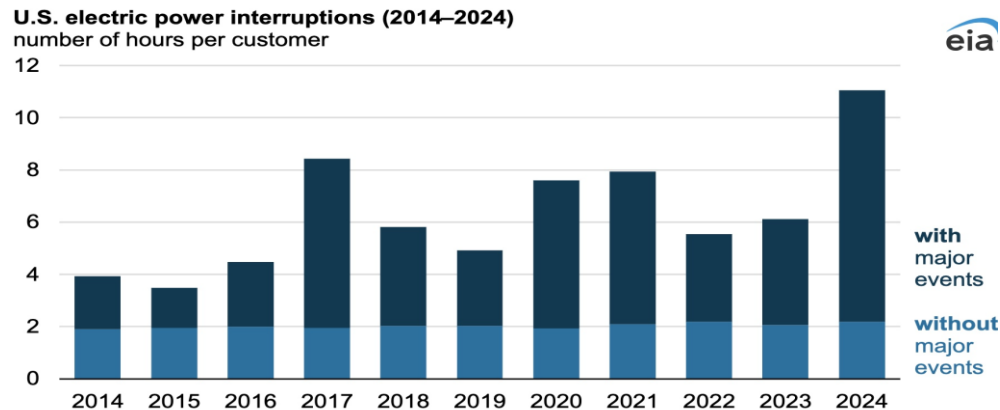


Stand-by Generator Market Opportunity

~4.2M generators in North America, growing ~300k+ per year

Growing power outage frequency drives demand:

- Stronger storms/severe weather
- Higher frequency of floods and wildfires
- **Rapidly rising electricity demand** challenges grid reliability
- Wildfires + grid challenges expected to create \$1B in additional generator demand over 10 years



Data source: U.S. Energy Information Administration, *Electric Power Annual 2024*

OmniMetrix widely viewed as strongest solution

- Dealers & commercial customers prefer OmniMetrix's features, quality, service, ease of installation & broad compatibility

Expanded Growth Opportunity via OMNI360 Solutions

Own the thing behind the thing,
behind the next big thing.

Brookfield

Own what's next

Wall Street Journal, April 2026

Infrastructure

Energy

Private Equity

Real Estate

Credit



What OMNI360 monitors, controls, and reports

NOVA **Power Monitoring** ⚡

- Generator run status, hours & load
- Battery bank voltage & state of charge
- DC plant & rectifier health
- Fuel level, consumption rate & theft alerts
- Utility power — normal, fault & transfer status

NOVA **Remote Control** ⚙️

- Generator remote start, stop & exercise
- Load transfer & equipment reset commands
- Configurable alarm thresholds & escalation rules
- Auto actions on fault conditions
- Remote parameter adjustment—no truck roll required

HORIZON **Environmental Monitoring** 📊

- Shelter/Cabinet temperature & humidity sensing
- Door open/close & intrusion detection
- Flood & water intrusion alerts
- HVAC operational status monitoring
- Smoke detection (fire early warning)

HORIZON **Energy & Analytics** 📈

- Energy consumption (kWh) tracking per site
- Cost analysis & billing data reporting
- Multi-site performance dashboards
- Trend analysis & anomaly detection
- Automated SLA compliance reports

ZENITH **Security & Access** 🛡️

- AI camera monitoring & video analytics
- Access control & entry log management
- Perimeter breach & fence intrusion alerts
- Copper theft & vandalism detection
- Forensic audit trail for insurance

ZENITH **Intelligence & Integration** 🌐

- AI-assisted alarm correlation & noise reduction
- Predictive maintenance analytics
- NOC and DCIM platform integration
- Dedicated account management
- Custom reporting & API data export

NOVA Core power & control | **HORIZON** Adds environmental & analytics | **ZENITH** Adds security & intelligence

Key Benefits



Always-On NOC Monitoring

Always-on, professional monitoring from OmniMetrix's NOC — alerts dispatched before tenants notice anything.



74% Fewer Truck Rolls

Remote diagnostics and control eliminate most reactive field dispatches across your portfolio.



Automated SLA Compliance

Site uptime data collected continuously and exported as SLA compliance reports with a single click.



Full Power Stack Visibility

Generator, battery, rectifier, fuel, and utility all monitored together — not siloed across separate tools.



Integrated Security & Access

Camera monitoring, door sensors, and access control logs managed through the same platform (Horizon/Zenith).



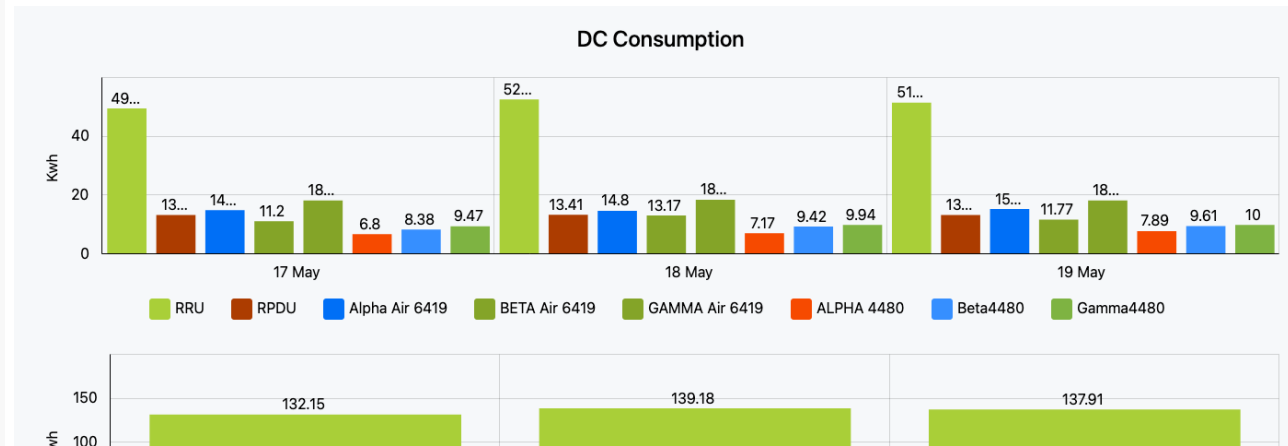
Telecom-Native — Not Adapted

Built specifically for macro cell site infrastructure. Not a general IoT platform retrofitted for telecom.

From Utility Feed to Antenna — Full Power Chain Visibility

OMNI360 gives telecom operators end-to-end power monitoring across AC and DC systems, including the antenna layer where power delivery directly impacts network performance.

- Real-time AC metrics — voltage, current, power factor, and harmonic distortion
- DC plant monitoring ensures rectifiers and battery systems are operating within spec
- Antenna feed power measurement confirms signal integrity and identifies line losses
- Power trending and anomaly detection reduce mean time to repair across full power chain





THE NUMBERS BEHIND THE RISK

Unmonitored macro sites are measurable liability

\$5K

/hr

Max SLA penalty

Carrier lease agreements commonly carry \$1K–\$5K/hr downtime penalties with escalating clauses for extended outages.

\$100K+

Total equipment loss

An undetected HVAC failure can destroy an entire battery bank and electronics suite within hours — before anyone reaches the site.

\$500

/roll

Cost per truck roll

4+ reactive dispatches per site per month at \$300–\$500 each. For a 50-site portfolio that's up to \$120K in annual truck costs.

5–15%

Insurance premium risk

FM Global and other major carriers price in whether remote monitoring controls exist. Unmonitored sites pay more.



Protect the Site From the Inside Out

OMNI360's environmental monitoring layer gives operators early warning on physical threats most likely to cause equipment damage, extended outages, and insurance claims.

- Temperature and humidity trending identifies HVAC degradation before failure occurs
- Growing incidents of fuel, equipment and commodity theft requires real/time monitoring
- Flood detection protects against water damage — one of the most costly and preventable site losses
- Integrated smoke and fire alerting supports rapid response and regulatory compliance
- Unified environmental dashboard across all sites replaces disconnected standalone sensors



Theft is a Rapidly Emerging Threat

“When we allow attacks on our communications infrastructure to go inadequately deterred, investigated, and prosecuted, we are sending the wrong message.

We need to change that calculus.”

June 4, 2026

Olivia Britt Trusty

FCC Commissioner, former telecommunications policy analyst



Acorn Investment Summary

Growing, high margin, recurring cash generating model targeting large markets

- **25+ year track record** — industry, technology, product & service leadership
- Large **customer base includes >25 Fortune 500 companies**
- **Goal of 20% average annual growth over 3 to 5 years** with ~50% of incremental revenue expected to drop to Operating Income
 - Growth being **driven by cost, data and risk management** benefits
 - **Omni360 solutions launch** greatly expands offerings & addressable market
 - Also pursuing growth via longer term OEM bundling & M&A initiatives
- **>\$4M in cash** + zero debt + large NOL supports cash flow & growth
- **ACFN trades at 3.4x EV/LTM revenue vs. IoT comps at 4.4x EV/LTM revenue**, despite higher gross margin and greater % of ARR to total revenue
- **Strong Shareholder Alignment** – Mgmt. & Board own 35% and have strong track record of financial discipline & value creation